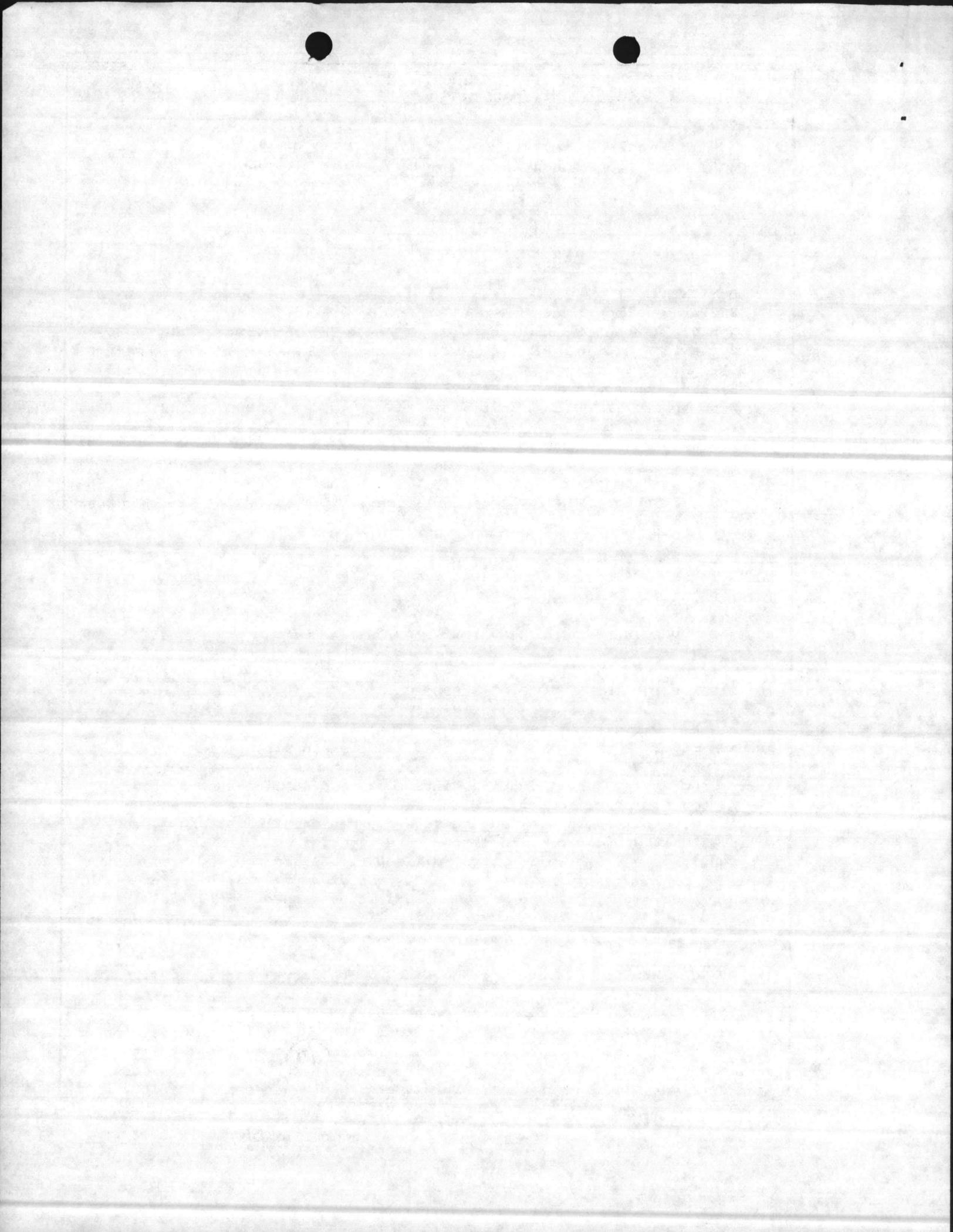
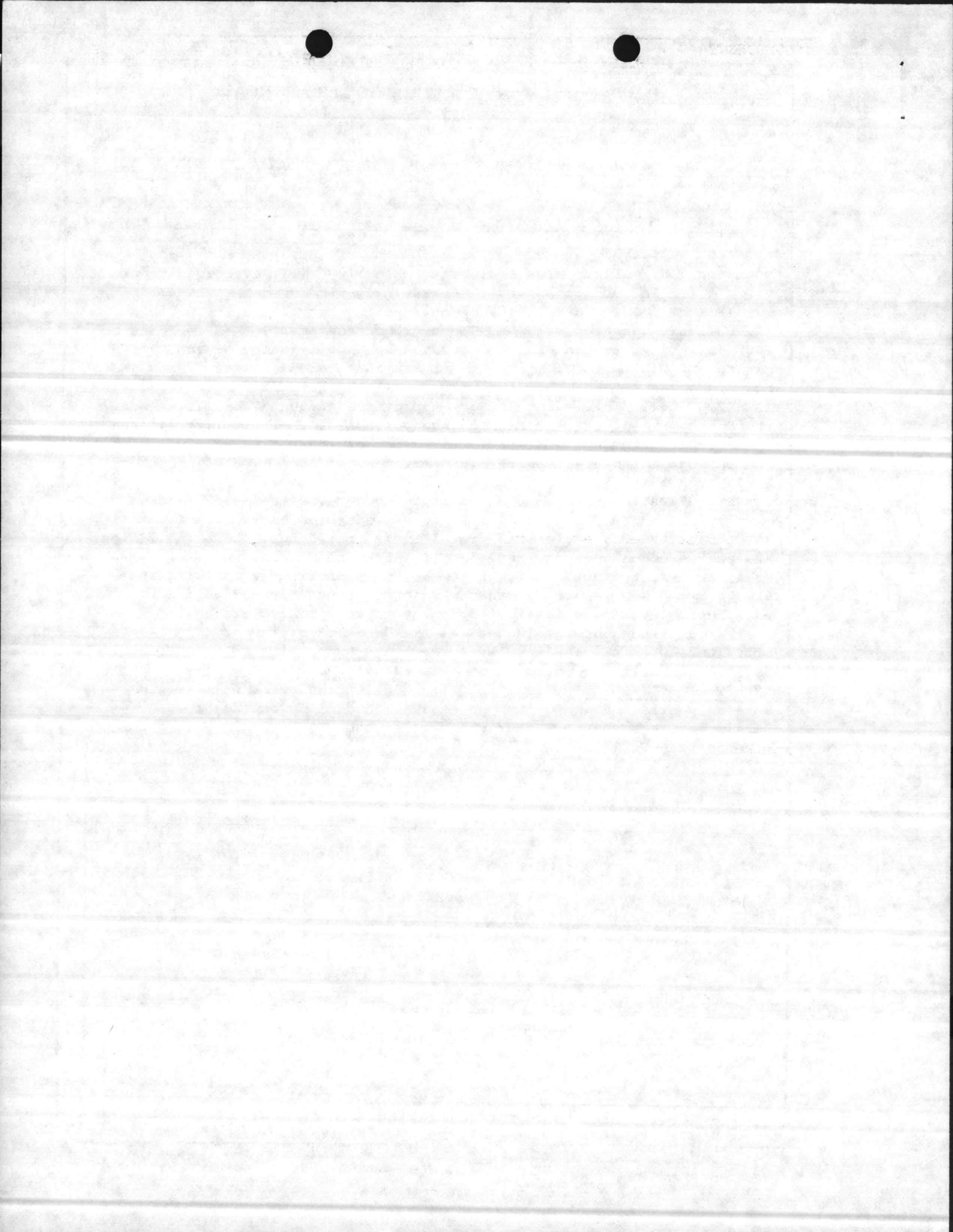


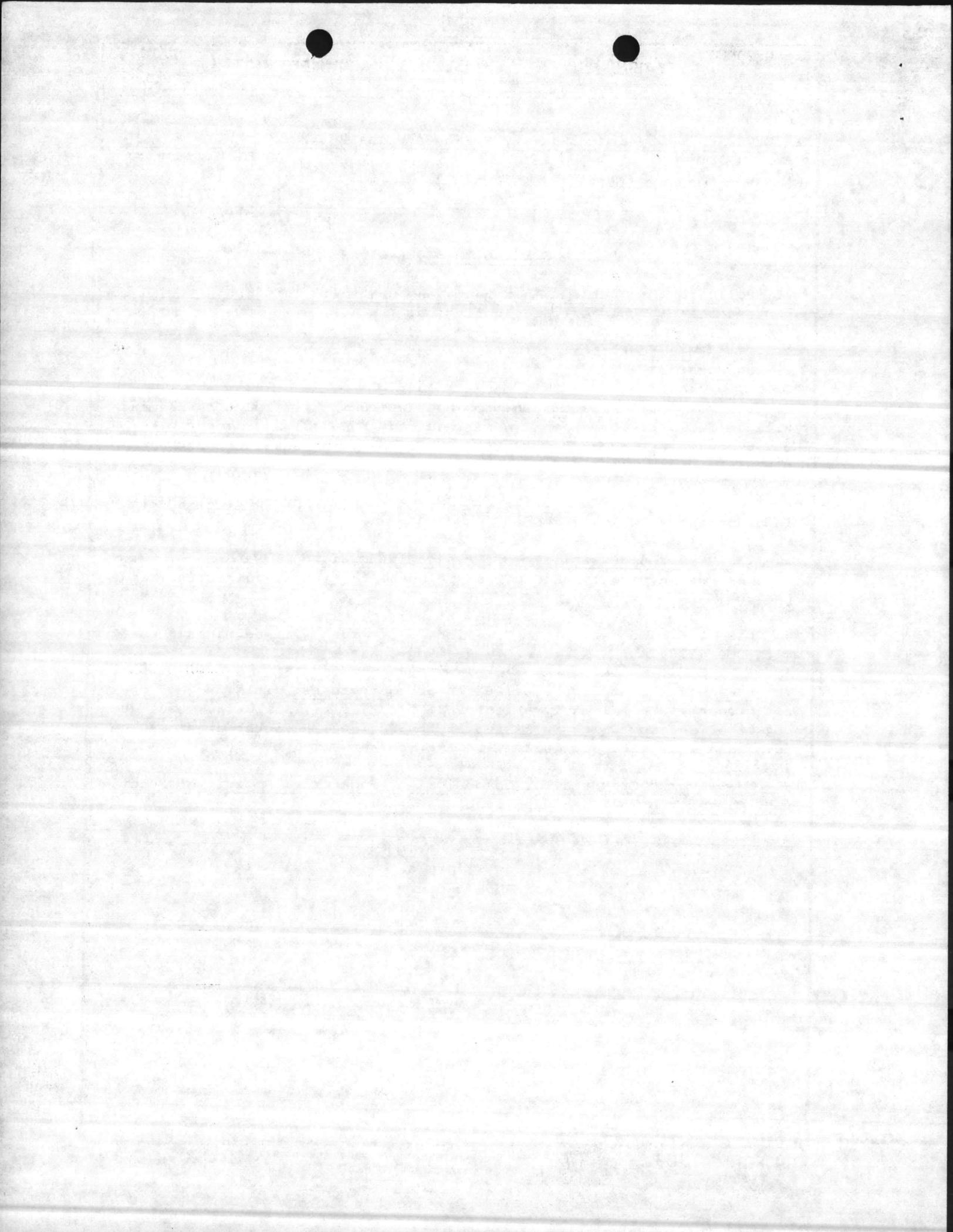
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|---|--|--|----------------------------|---|----------------------------------|--|
| 1. COMPONENT NAVY | | FY 1987 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE REVISED 1 Mar 85 | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT #1) | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 214-53 | 7. PROJECT NUMBER P-257 | | 8. PROJECT COST (\$000) 6,700 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | U/M | QUANTITY | UNIT COST | COST (\$000) | |
| FIELD MAINTENANCE COMPLEX | | SF | 60,540 | 75.34 | 4,561 | |
| Building - Shop I | | SF | 53,000 | 57.00 | (3,020) | |
| Vehicle Inspection Station | | SF | 7,540 | 73.00 | (551) | |
| Built-In Equipment | | LS | - | - | (990) | |
| SUPPORTING FACILITIES | | LS | - | - | 1,518 | |
| Special Construction Features | | LS | - | - | (150) | |
| Wash Apron w/Pollution control | | SY | 800 | 42 | (34) | |
| Pavements, Flexible and Rigid | | SY | 17,000 | 17.06 | (290) | |
| Security Fencing and Lighting | | LS | - | - | (242) | |
| Utilities | | LS | - | - | (212) | |
| Site Improvements | | LS | - | - | (190) | |
| Tracked Vehicle Trail & Crossing (paved) | | LS | - | - | (400) | |
| SUBTOTAL | | LS | - | - | 6,079 | |
| CONTINGENCY - 5% | | LS | - | - | 304 | |
| TOTAL CONTRACT COST | | LS | - | - | 6,383 | |
| SUPERVISION, INSPECTION & OVERHEAD 5.5% | | LS | - | - | 351 | |
| TOTAL REQUEST | | LS | - | - | 6,734 | |
| TOTAL REQUEST ROUNDED | | LS | - | - | 6,700 | |
| EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS | | - | - | NonAdd | 0 | |
| 10. DESCRIPTION OF PROPOSED CONSTRUCTION: | | | | | | |
| <p>Permanent one-story shop with piles, reinforced concrete foundation, floors and masonry walls. Built-up roof over insulation and interior support systems (i.e., air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, engine exhaust systems, 10 ton overhead bridge cranes), exterior pavement, area lighting, site work, and utilities connected; (1-1/2 ton air conditioning). Permanent one-story vehicle inspection station with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems (i.e., air-conditioning, hydraulic lifts, oil separators, compressed air, central lube dispensing, engine exhaust system), exterior pavement, concrete wash aprons, area lighting, site work, and utilities connected; (1 ton air conditioning). Paved tracked vehicle trail with tracked vehicle crossings as required.</p> | | | | | | |
| 11. REQUIREMENTS: <u>442,600 SF</u> Adequate: <u>0 SF</u> Substandard: <u>159,396 SF</u> | | | | | | |
| <p>PROJECT: Construct the first increment (60,540 SF) of a 442,600 SF Consolidated Field Maintenance Facility (3rd and 4th echelon maintenance) for 2nd Maintenance Bn., 2d FSSG to maintain and repair all East Coast Fleet Marine Force ground equipment. This includes wheel and track vehicles (tanks, light armored vehicles, trucks, etc.), ordinance repair, (artillery</p> | | | | | | |



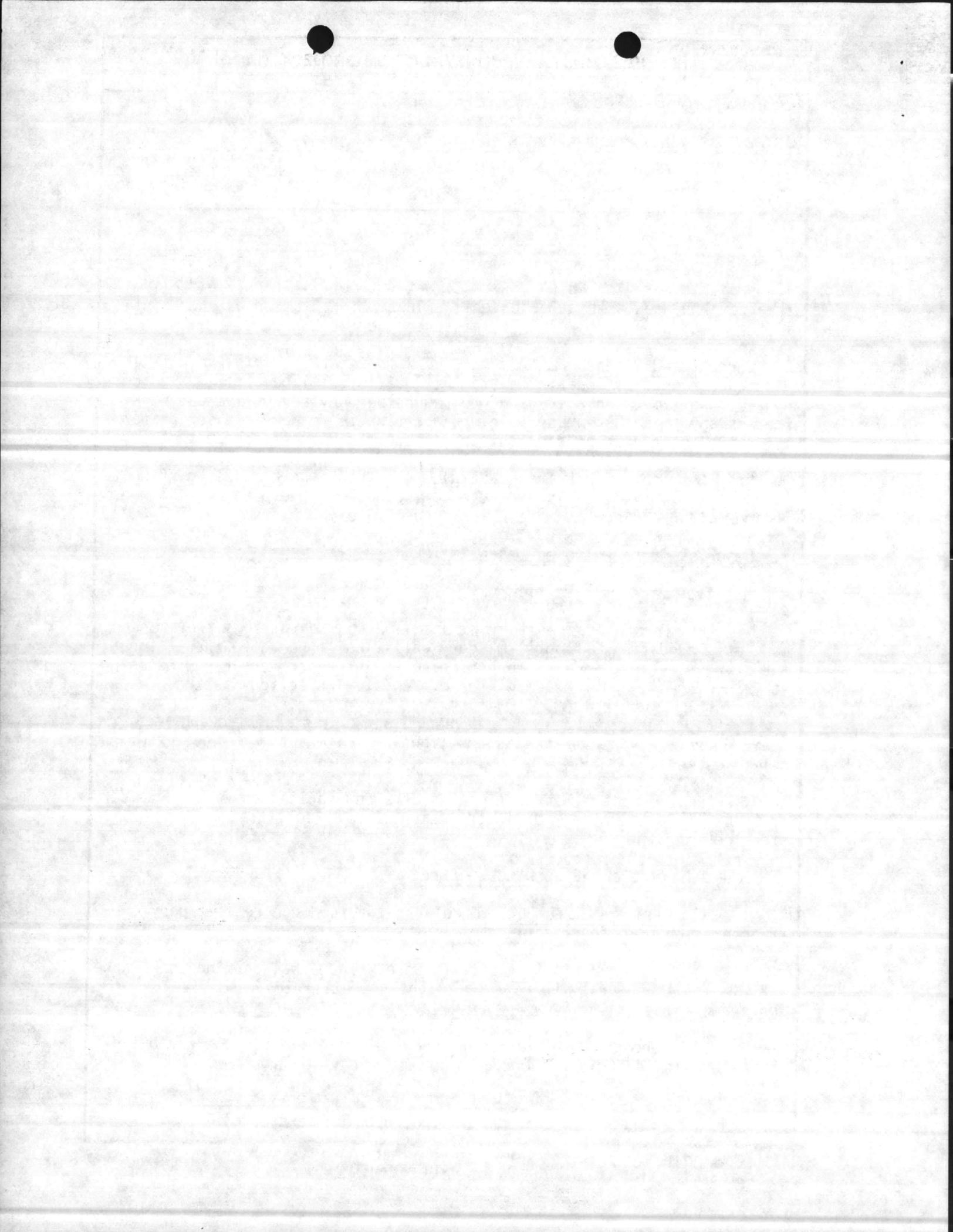
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|---|--|---------------------|
| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 Mar 85 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT #1) | 5. PROJECT NUMBER P-257 | |
| <p>and tank weaponry), heavy equipment (bulldozers, cranes, etc.) and communication/ electronics equipment. Facility will have paved tracked vehicle trails for access and/or egress.</p> <p><u>REQUIREMENT:</u> The 2nd Maintenance Bn. has the requirement to perform field maintenance for all East Coast ground equipment; this includes the 2nd Marine Division and 2d FSSG located at Camp Lejeune, NC and the 2d Marine Air Wing with elements located in three areas; Cherry Point, NC, New River, NC and Beaufort, SC. The total requirement for this facility is 442,600 SF. This first increment provides adequate facilities for the Motor Transport Field Maintenance portion of this facility. Three subsequent increments will be required for ordinance, tracked vehicles and communication electronics field maintenance, they are planned for FY-88, FY-89 and FY-90.</p> <p><u>CURRENT SITUATION:</u> The 2nd Maintenance Bn., performs field maintenance in only 159,396 SF of area in four converted warehouses, a WW-II maintenance depot, and a small metal Butler building. These facilities are scattered throughout the Industrial Area of Camp Lejeune. Motor Transport maintenance, (this increment) is performed in Building 1601, a 62,000 SF open bay facility that was not designed for today's modern equipment. Staging areas for equipment to be repaired are also scattered throughout the Industrial Area. Scatteration of and makeshift substitute work spaces cause cumbersome and uncoordinated work efforts severely hampering the mission of this Battalion.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The deadline time on equipment will remain adversely affected and maintenance capability will continue to be impaired with resulting adverse affect on the combat readiness of the Fleet Marine Force.</p> | | |



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| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 Mar 85 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control:</u> This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation:</u> Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact:</u> The project Environmental Impact Assessment will be made, reviewed, and where required, the design concepts will be given consideration to eliminating adverse environmental effects consistent with applicable directives. 4. <u>Fallout Shelter Construction:</u> Fallout shelter protection is not incorporated in this project. 5. <u>Design for Accessibility of Physically Handicapped Personnel:</u> Provisions for physically handicapped personnel are not required in this project. 6. <u>Use of Air Conditioning:</u> Ceiling "U" factors will be made to conform with DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures:</u> This project does not directly or indirectly affect a district, site, building, structure, object or setting which is listed in the National Register or otherwise possesses a significant quality of American history. 8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76):</u> Not Applicable. | | |



| | | |
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| 1. COMPONENT NAVY | FY 19 ⁸⁷ MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 Mar 85 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT 1) | 5. PROJECT NUMBER P-257 | |
| <p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project</u>: Provide 53,000 SF of Combat/Automotive Track Field Maintenance Shop area with a 7,540 Vehicle Inspection Station as Increment 1 of a total planned 442,600 SF maintenance complex.</p> <p>2. <u>Current and Planned Future Workload with Regard to This Project</u>. The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work week is spent in the shops. The organization is responsible for performing third and fourth echelon maintenance on equipment assigned to the 2d Marine Division (FMF); Marine Corps Air Station (H), New River; and 2d Force Service Support Group (REIN). The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.</p> <p>3. <u>Description of Proposed Organization</u>.</p> <p style="padding-left: 2em;">a. <u>Type of Construction</u>:</p> <p style="padding-left: 4em;">(1) Permanent one-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roof, insulation, interior utilities, and air conditioning in Inspector/Repair and Accessory Shop Areas, and the admin area of Vehicle Inspection Station.</p> <p style="padding-left: 4em;">(2) Rigid and flexible pavements for walks, parking and tracked vehicle trails; security fences and lighting, site improvements, exterior utilities, etc.</p> <p style="padding-left: 2em;">b. <u>Replacement</u>. Not applicable; existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.</p> <p style="padding-left: 2em;">c. <u>Description of Work to be Done</u>.</p> <p style="padding-left: 4em;">(1) <u>Primary Facility</u>. Modular reinforced concrete/masonry structures on pile foundation.</p> <p style="padding-left: 6em;">(a) <u>Support Facilities</u>. Road, sidewalks, parking and tracked vehicle trail; security fencing and lighting, utilities, and site improvements.</p> <p style="padding-left: 4em;">(2) <u>Energy Conservation</u>. Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.</p> <p style="padding-left: 4em;">(3) <u>Collateral Equipment</u>. (continued on next page)</p> | | |



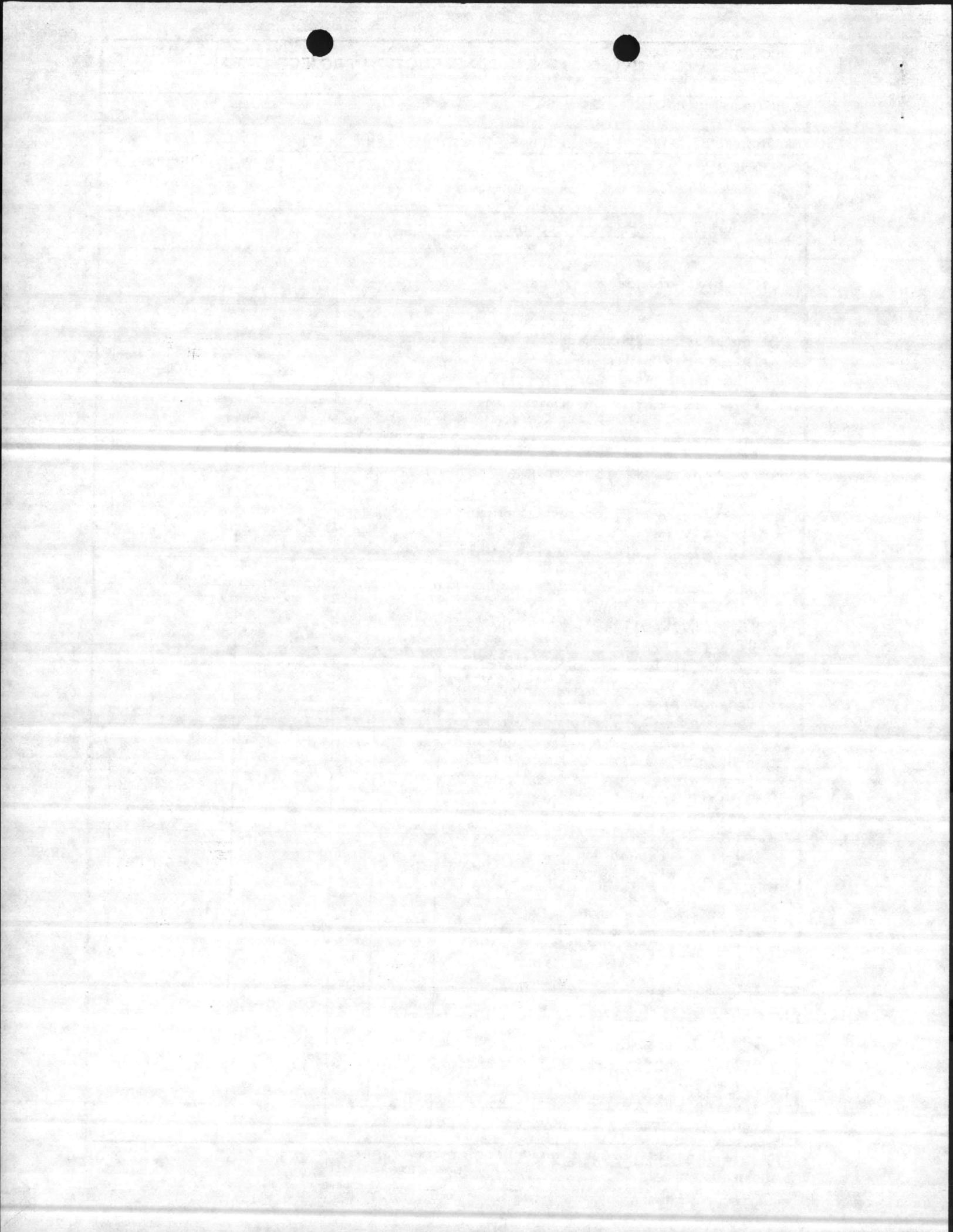
1. COMPONENT **FY 19⁸⁷ MILITARY CONSTRUCTION PROJECT DATA** 2. DATE
 NAVY 1 Mar 85

3. INSTALLATION AND LOCATION
 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE 5. PROJECT NUMBER
 FIELD MAINTENANCE COMPLEX (INCREMENT 1) P-257

(a) Built-In Equipment to be MCON Funded:

| | |
|---|------------|
| *Venetian blinds and window screens | EA |
| *Air conditioning, heating and ventilating systems | SYS SYS |
| *Interior steam system | SYS |
| *Plumbing System | SYS |
| *Sprinkler System | SYS |
| *Telephone, fire alarm, and intercom system | SYS |
| *Drinking water coolers | EA |
| *Air hose reel, 150 PSI H.D., w/hose control valve and hose stop (ceiling, wall, or pedestal mtd) | EA |
| *Electric extension cord reel, H.D. w/cord stop (ceiling, wall or pedestal mounted) | EA |
| *Water hose reel, H.D., w/hose control valve and hose stop (ceiling, wall or pedestal mtd.) | EA |
| *Hose reels assembly w/control valves, H.D., overhead, automatic hose stops, and meters | EA |
| *Exhaust system underground (automotive or construction eqpt) | SYS |
| *Pass window, 4' wide, w/counter and "B" label roll-down shutter (w/fusible link, if required) | EA |
| *Outlets for engine starting | EA |
| *Outlets for refrigeration unit test (utilities repair) | EA |
| *10 ton overhead bridge crane | EA |
| *Twin-post pneumatic lift, H.D., 24,000 lb capacity | EA |
| *5 ton overhead monorail | EA |
| *2-ton jib crane | EA |
| *Dynamometer, engine, 300 HP electric | EA |
| *Dynamometer, engine, 1200 HP, electric | EA |
| *Paint spray booth w/hood, 5'x3' | EA |
| *Hose reel assembly w/control valves, HD, overhead, wall mtd or pedestal | EA |
| *Engine starting outlets 12,24 and 36 volts | EA |



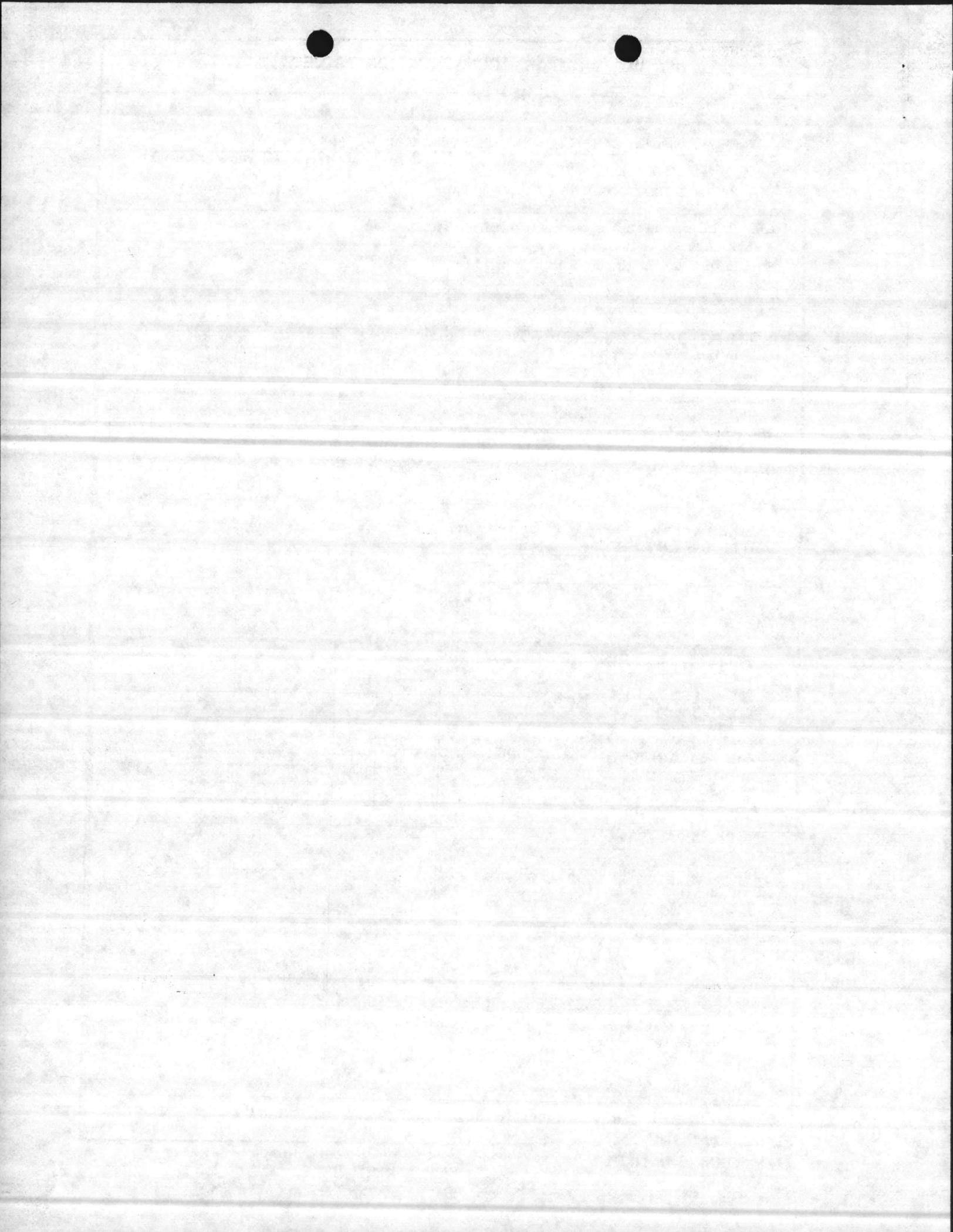
3. INSTALLATION AND LOCATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE **FIELD MAINTENANCE COMPLEX (INCREMENT 1)** | 5. PROJECT NUMBER **P-257**

(a) Collateral Equipment. (continued)
 *Equipment with associated installation cost.

(b) EXPENSE ITEMS:

| | | | | |
|--|----|----|----------|--------|
| Benches, work, portable 60"x28" x34"H #9809T12, Pg 152 | 4 | EA | 765.27 | 3,061 |
| Bench, work, stationary, stl top, lead covered 60x30x34 4880T13 pg 150 | 80 | EA | 577.50 | 30,000 |
| Bins, parts.adj shelving #4640T2, pg. 135 | 73 | EA | 264.41 | 19,302 |
| Bins, parts, rota, 3'diameter multi-bin #4649T33, pg. 135 | 4 | EA | 441.86 | 1,767 |
| Shelving, 12"W w/adj standards #4586T11 pg. 126 | 36 | EA | 53.13 | 1,913 |
| Grinder, pedestal, 10" x 1" #4374A74, pg 1602 | 3 | EA | 558.60 | 1,676 |
| Press, hydraulic, 10ton #2472A14, Pg 1378 | 1 | EA | 1,900.00 | 1,900 |
| Tank, cleaning (parts), 38"x22"x 34" (portable), w/drying racks | 1 | EA | 395.00 | 395 |
| Tank, test, 300 gal for outboard motor (portable) | 1 | EA | 2,000.00 | 2,000 |
| Press, drill, pedestal mounted 24" SW | 3 | EA | 2,000.00 | 6,000 |
| Stand, power train rebuild, 48 x 72" | 10 | EA | 450.00 | 4,500 |
| Bench, work (component rebuild 48"x96"x24"H | 29 | EA | 300.00 | 8,700 |
| Stand, axle | 10 | EA | 230.00 | 2,300 |
| Degreaser, mechanical | 3 | EA | 700.00 | 2,100 |
| Stand, large engine rebuild 38x90 | 5 | EA | 460.00 | 2,300 |



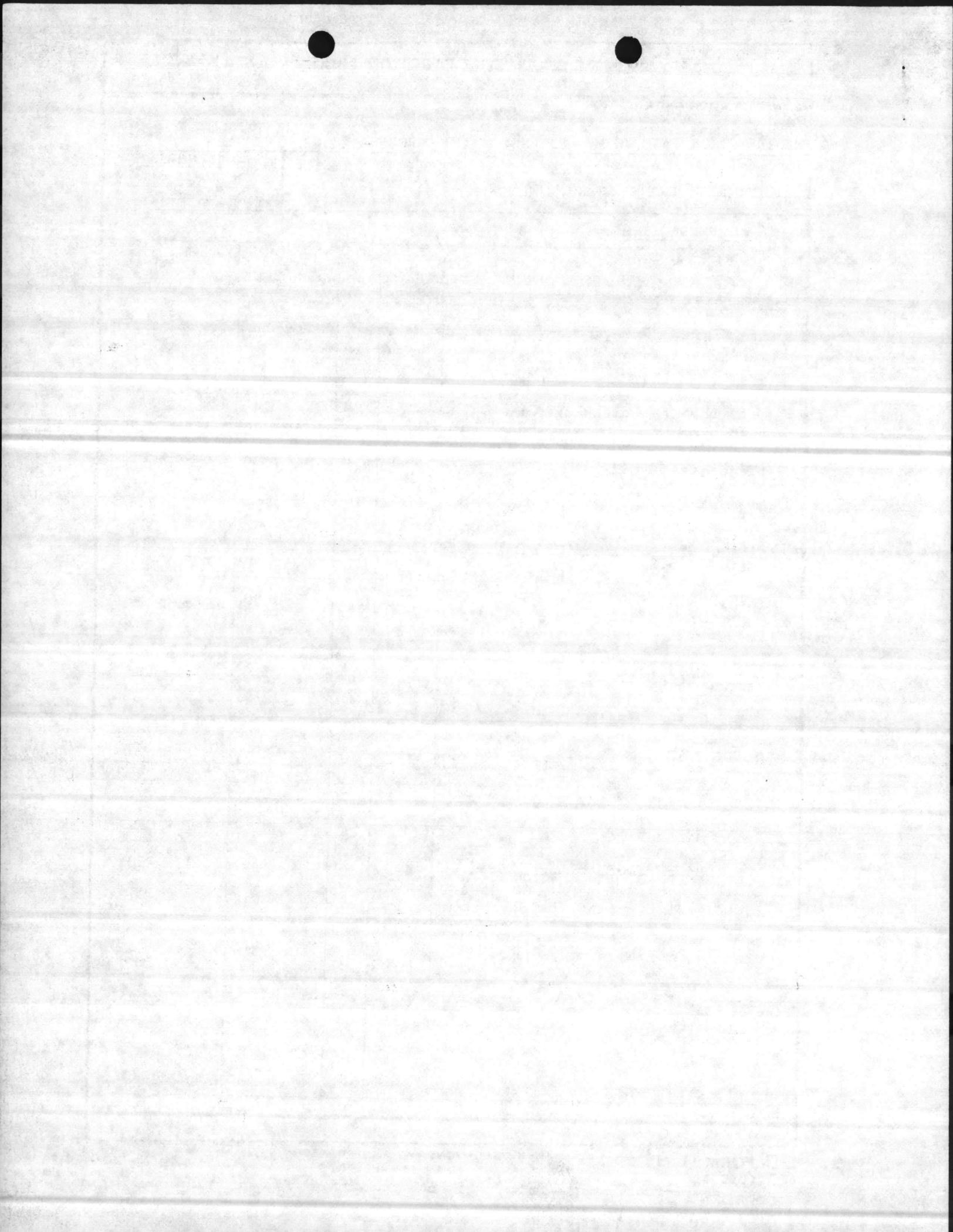
1. COMPONENT **NAVY** | **FY 1987 MILITARY CONSTRUCTION PROJECT DATA** | 2. DATE **1 Mar 85**

3. INSTALLATION AND LOCATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

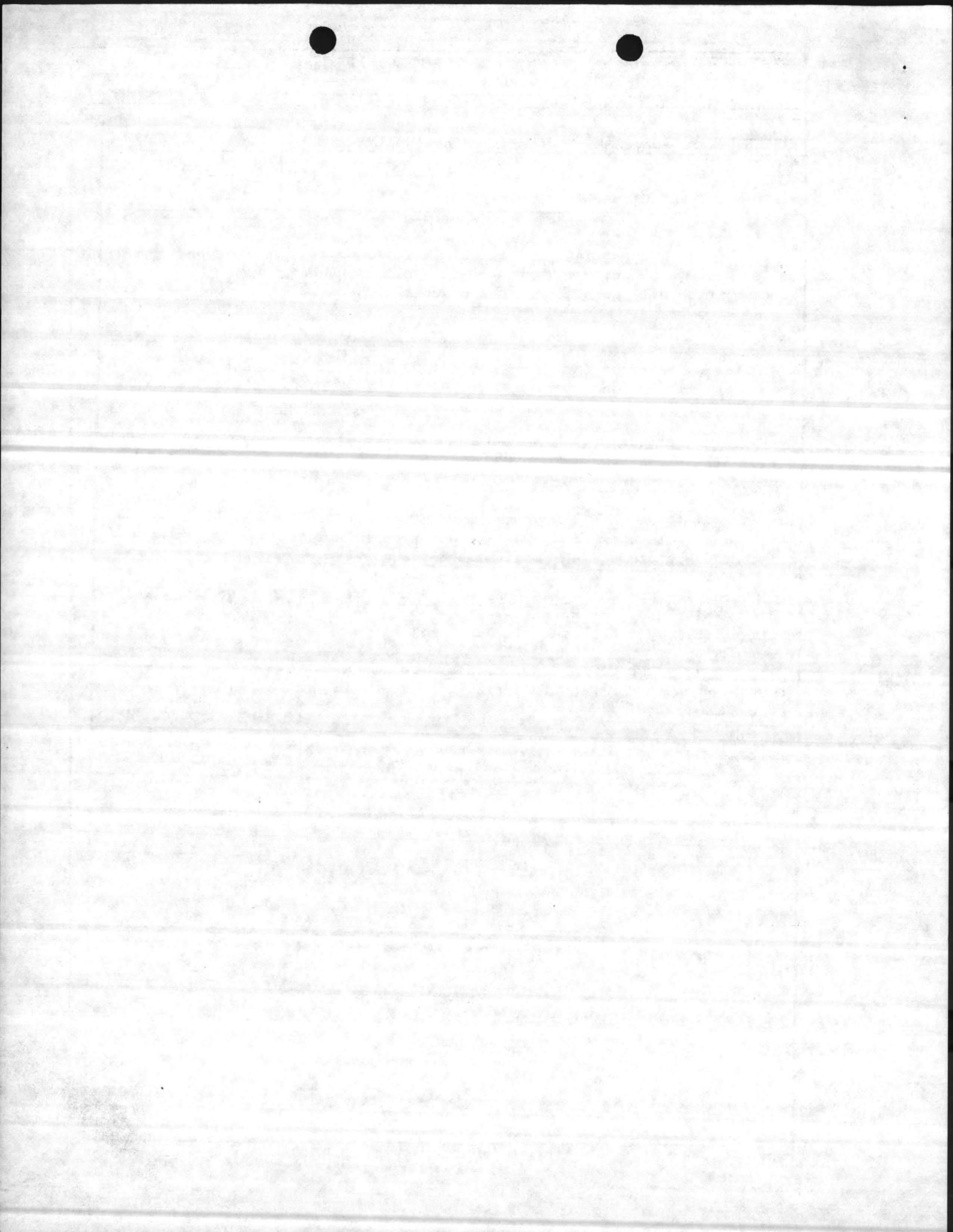
4. PROJECT TITLE **FIELD MAINTENANCE COMPLEX (INCREMENT 1)** | 5. PROJECT NUMBER **P-257**

(b) EXPENSE ITEMS: (continued)

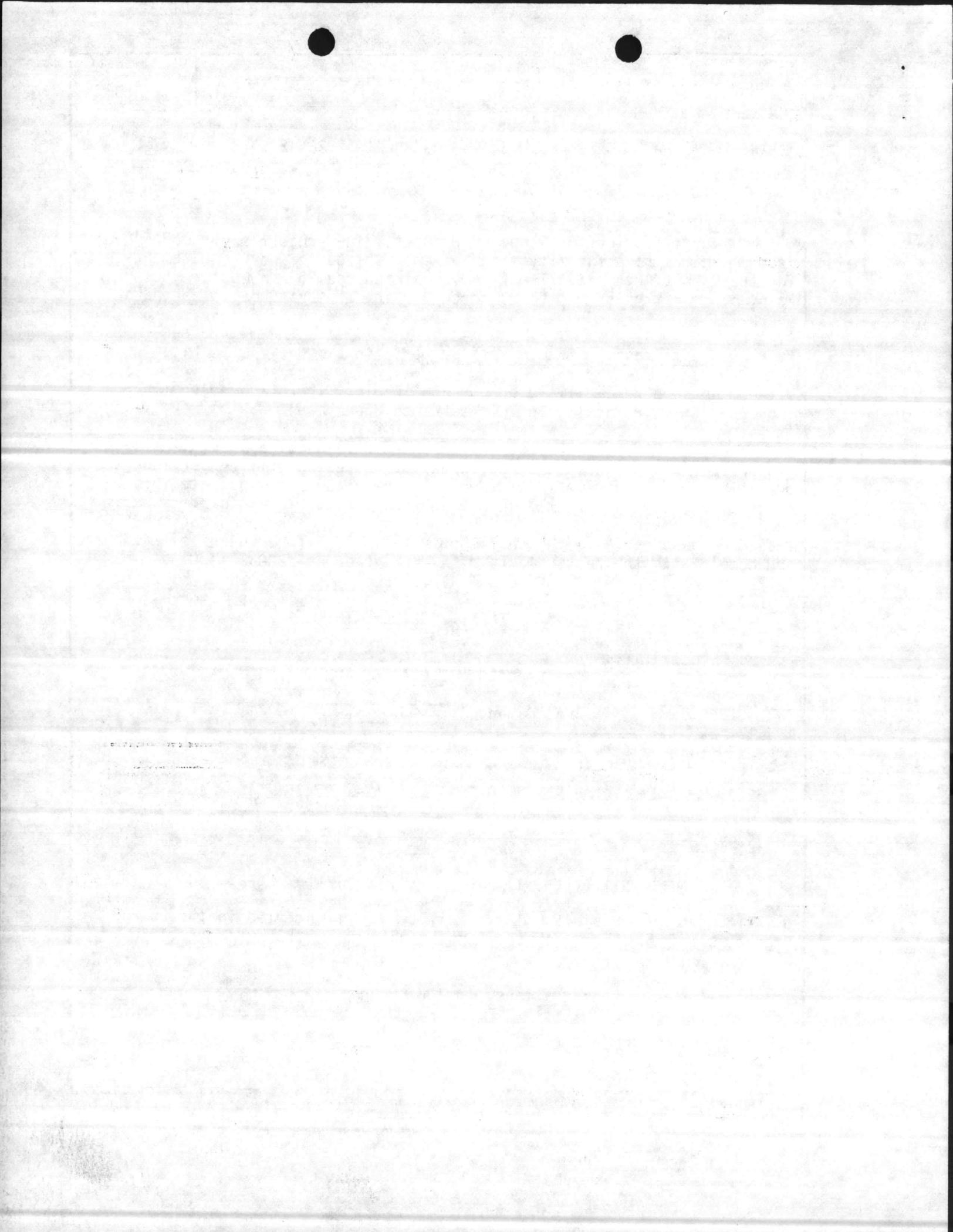
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|---|----|----|----------|---------|
| Stand, small engine rebuild #6671A16, pg 1778 | 6 | EA | 316.94 | 1,902 |
| Stands, power train test and run- in, transmission and transfer cases | 8 | EA | 900.00 | 7,200 |
| Vat, chemical cleaning, cresylic acid type | 1 | EA | 1,150.00 | 1,150 |
| Stand, test (C&I) | 2 | EA | 920.00 | 1,840 |
| Tester. diagnosis (C&I) | 1 | EA | 345.00 | 345 |
| Stand, test, Agarts model, type II Part #7336.2 | 1 | EA | 862.00 | 862 |
| Shelving, 24" | 32 | EA | 90.00 | 2,880 |
| TOTAL EXPENSE ITEMS: | | | | 104,093 |
| None | | | | |
| None | | | | |
| None | | | | |
| TOTAL EXPENSE ITEMS | | | | 104,093 |
| ACCELERATED TO FY-87 | | | | 119,830 |
| BENEFICIAL OCCUPANCY DATE: December 1988 | | | | |



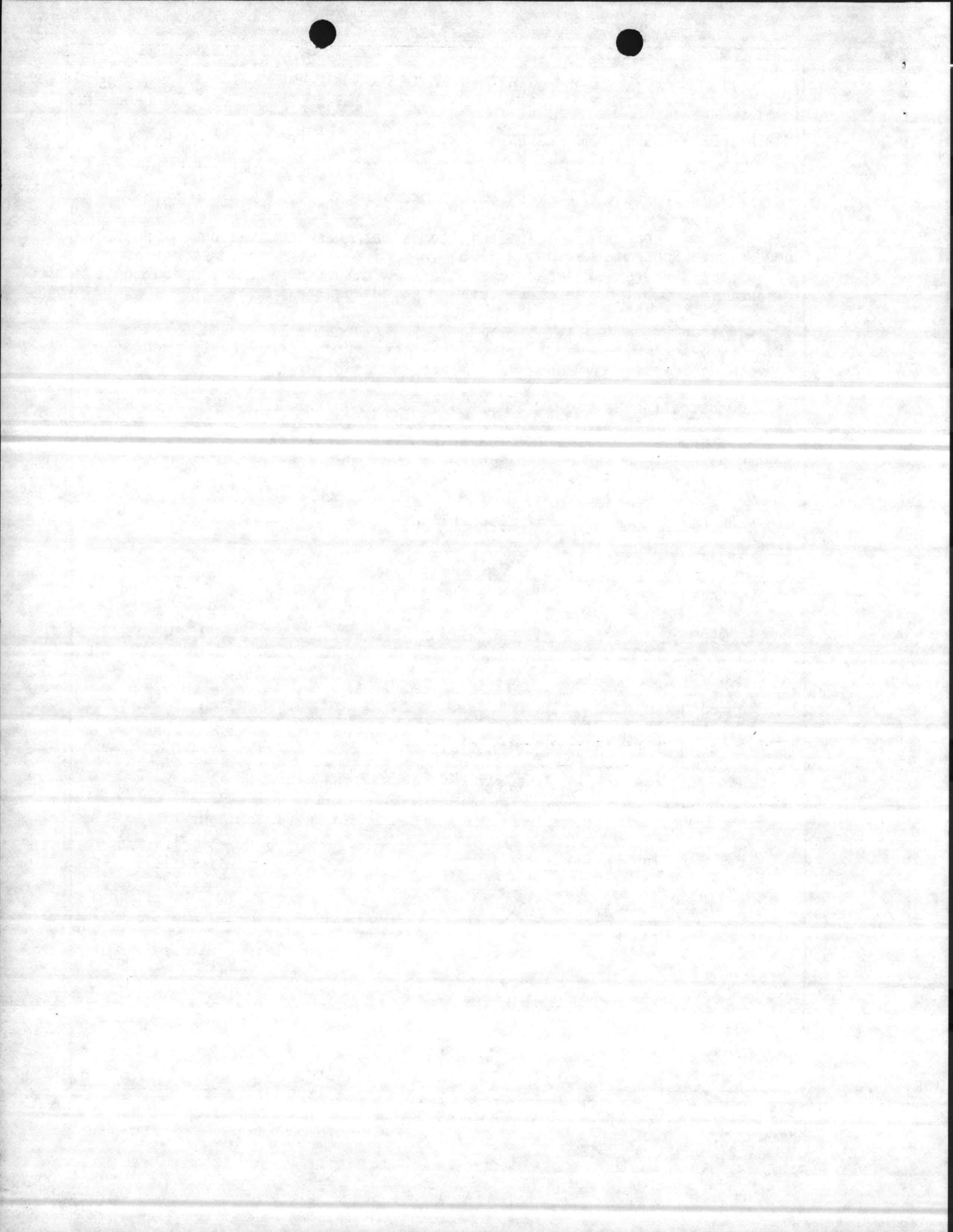
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| <p>(4) <u>Supporting Facilities</u>. Special piling, foundation, collateral equipment, site improvement, pollution abatement, etc. No demolition will be accomplished on this project.</p> <p>4. <u>Cost Estimate</u>:</p> <p>Area cost factor for Camp Lejeune, NC is 0.95. Cost data derived from the Military Construction Cost Review Guide, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-87.</p> <p>5. <u>Justification for Project and for Scope of Project</u>.</p> <p>a. <u>Justification for Project</u>:</p> <p>(1) <u>Project</u>. Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform maintenance on combat, automotive, and track vehicles.</p> <p>(2) <u>Current Situation</u>. Personnel are working in substandard and makeshift facilities that are totally inadequate in size, configuration, utility requirements, and site location.</p> <p>(3) <u>Impact If Not Provided</u>. Personnel will continue to work in substandard and makeshift facilities, resulting in loss of work time and wasted energy.</p> <p>Continued on next page</p> | | |



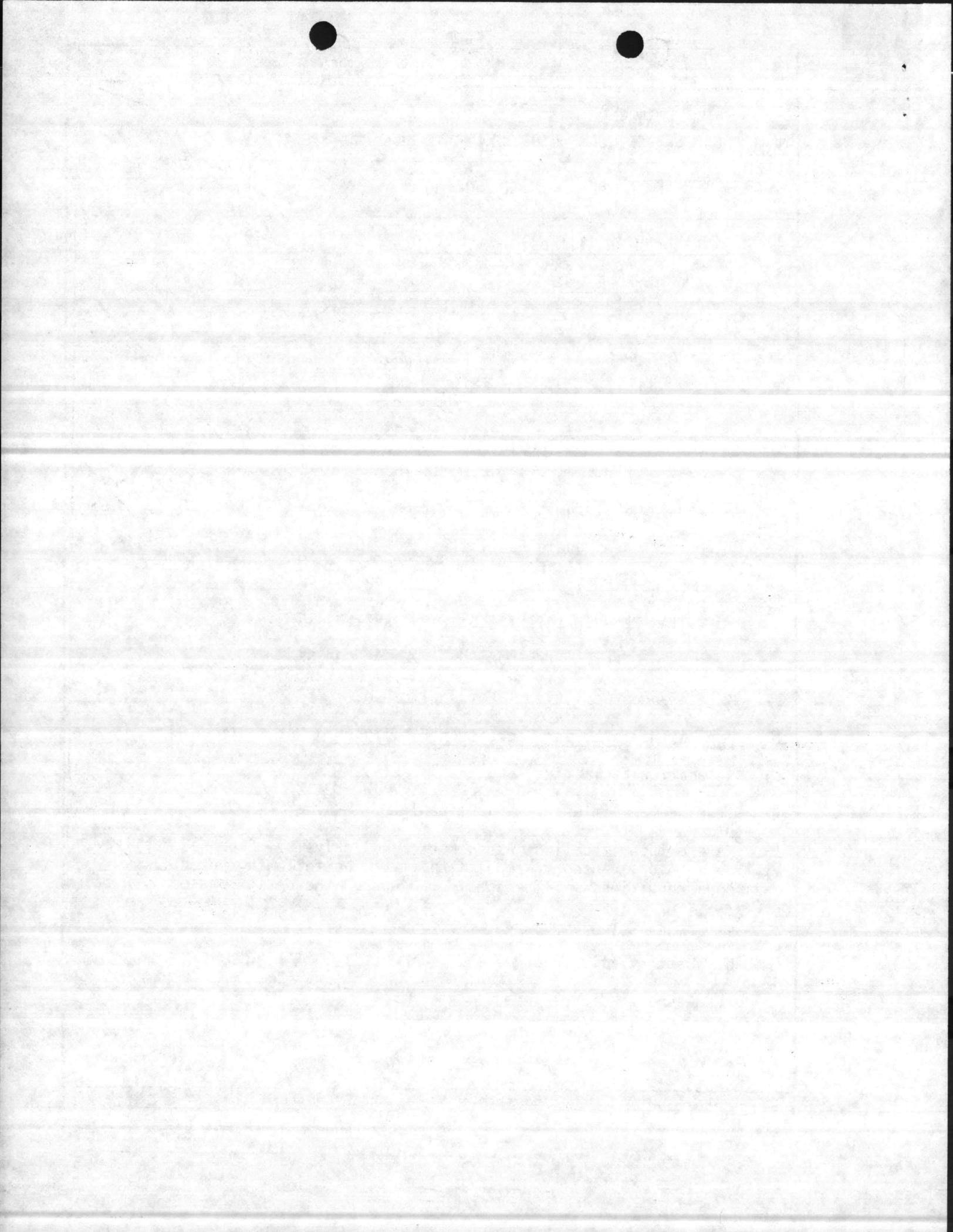
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|--|--|---------------------|--------------|------------------|---------|--------------|------------|----|--------------|----------|----|--------------|-------------------|--------|---------|--------------|--------|
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| <p>b. <u>Justification for Scope of Project.</u> The project scope, 60,540 SF, is the minimum size facility that can meet the deficiency requirements for the Combat/Automotive/Track Field Maintenance Shop needs of the Maintenance Battalion of the 2d Force Service Support Group. See paragraph 13.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> Not applicable. There are no common support facilities available in the French Creek area.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$65,000 per year increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p> <p style="text-align: center;"><u>UTILITY REQUIREMENTS:</u></p> <p>a. <u>Electricity.</u></p> <table style="margin-left: 100px;"> <tr> <td>Consumption:</td> <td><u>1,094,600</u></td> <td>KWHR/yr</td> </tr> <tr> <td>Peak Demand:</td> <td><u>339</u></td> <td>KW</td> </tr> <tr> <td>Avg. Demand:</td> <td><u>-</u></td> <td>KW</td> </tr> </table> <p>b. <u>Steam.</u></p> <table style="margin-left: 100px;"> <tr> <td>Consumption:</td> <td><u>10,194,079</u></td> <td>lbs/yr</td> </tr> <tr> <td>Demand:</td> <td><u>1,900</u></td> <td>lbs/yr</td> </tr> </table> <p>c. <u>Coal.</u> <u>-</u> tons/yr</p> <p>d. Adequate utilities will be provided by P-054, FY-85.</p> <p>9. <u>Siting of the Project.</u> This facility will be located in the French Creek area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs:</u> None.</p> | | | Consumption: | <u>1,094,600</u> | KWHR/yr | Peak Demand: | <u>339</u> | KW | Avg. Demand: | <u>-</u> | KW | Consumption: | <u>10,194,079</u> | lbs/yr | Demand: | <u>1,900</u> | lbs/yr |
| Consumption: | <u>1,094,600</u> | KWHR/yr | | | | | | | | | | | | | | | |
| Peak Demand: | <u>339</u> | KW | | | | | | | | | | | | | | | |
| Avg. Demand: | <u>-</u> | KW | | | | | | | | | | | | | | | |
| Consumption: | <u>10,194,079</u> | lbs/yr | | | | | | | | | | | | | | | |
| Demand: | <u>1,900</u> | lbs/yr | | | | | | | | | | | | | | | |

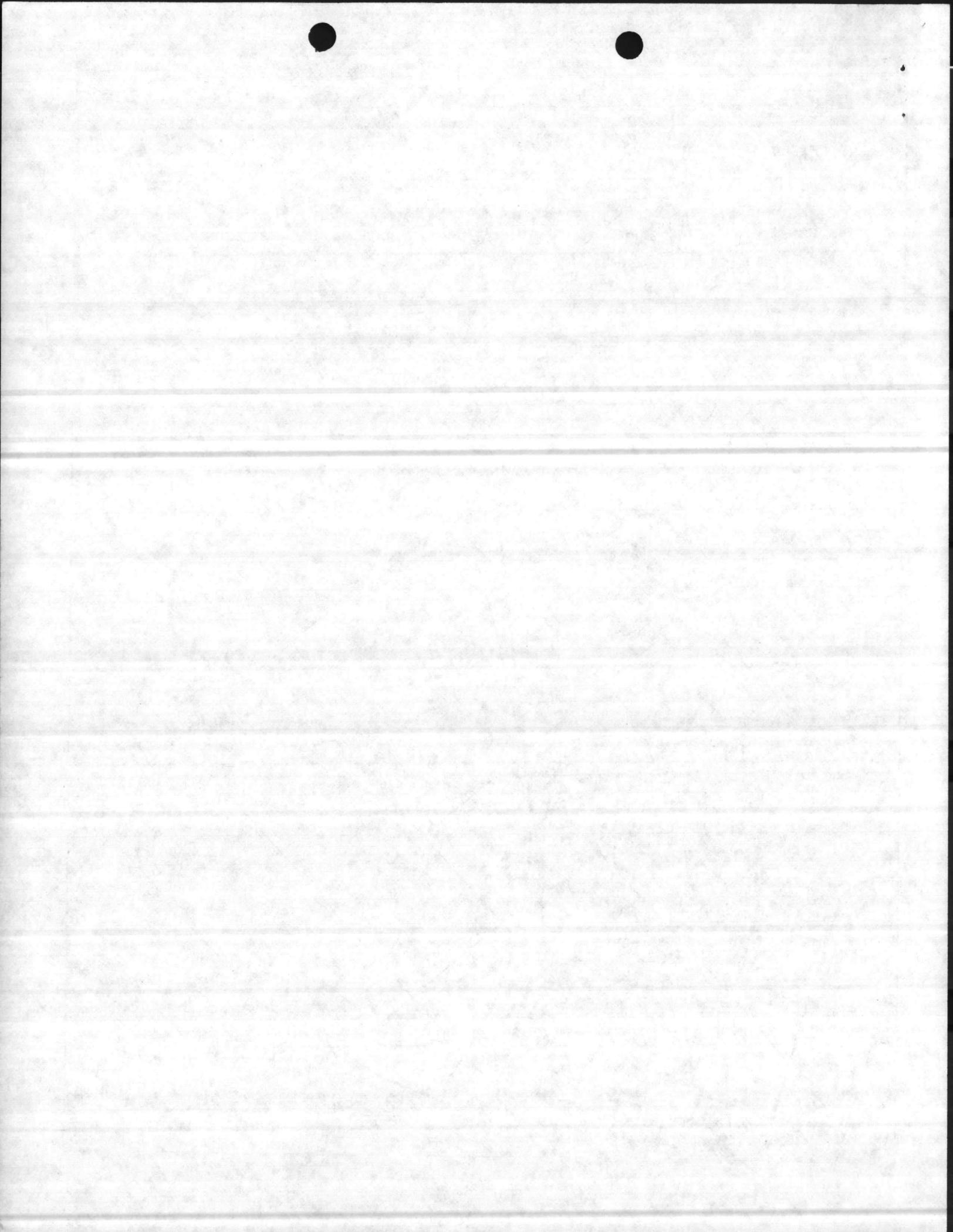


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|--|--|---------------------|--------------|-------------|---------|---------|--------------------------------------|---------|---------|---|--------|---------|---|--------|--------|---|--------|---------|---|--------|---------|------------------------------|-------|---------|--------------------------------------|---------------|--------|--|---------|
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT 1) | 5. PROJECT NUMBER P-257 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>11. <u>Economic Analysis.</u> This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area.</p> <p>12. <u>Environmental Impact Assessment.</u> An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data.</u></p> <p>a. <u>BFRL requirement</u> for the French Creek area (EA) is 442,600 SF. NAVFAC P-80 states that the requirement for this category code (214-53) is determined from definitive drawings given in NAVFAC P-272, Part IV.</p> <table border="1" data-bbox="267 856 1299 1417"> <thead> <tr> <th>NAVFAC DWG #</th> <th>DESCRIPTION</th> <th>AREA SF</th> </tr> </thead> <tbody> <tr> <td>1294489</td> <td>Combat/Automotive/Track Fld Mnt Shop</td> <td>220,000</td> </tr> <tr> <td>1294490</td> <td>"</td> <td>53,000</td> </tr> <tr> <td>1294491</td> <td>"</td> <td>47,500</td> </tr> <tr> <td>129492</td> <td>"</td> <td>48,000</td> </tr> <tr> <td>1294493</td> <td>"</td> <td>52,800</td> </tr> <tr> <td>1294508</td> <td>Vehicle Inspection Statement</td> <td>7,540</td> </tr> <tr> <td>1294444</td> <td>Combat/Automotive/Track Fld Mnt Shop</td> <td><u>13,760</u></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL:</td> <td>442,600</td> </tr> </tbody> </table> <p>b. <u>Existing Facilities:</u> None</p> <p>c. <u>Planned Facilities:</u></p> <p>SEE NEXT PAGE</p> | | | NAVFAC DWG # | DESCRIPTION | AREA SF | 1294489 | Combat/Automotive/Track Fld Mnt Shop | 220,000 | 1294490 | " | 53,000 | 1294491 | " | 47,500 | 129492 | " | 48,000 | 1294493 | " | 52,800 | 1294508 | Vehicle Inspection Statement | 7,540 | 1294444 | Combat/Automotive/Track Fld Mnt Shop | <u>13,760</u> | TOTAL: | | 442,600 |
| NAVFAC DWG # | DESCRIPTION | AREA SF | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294489 | Combat/Automotive/Track Fld Mnt Shop | 220,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294490 | " | 53,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294491 | " | 47,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129492 | " | 48,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294493 | " | 52,800 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294508 | Vehicle Inspection Statement | 7,540 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294444 | Combat/Automotive/Track Fld Mnt Shop | <u>13,760</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL: | | 442,600 | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 Mar 85 | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|-----------|---------|--------|-------|--------|-------|-------|--------|-------|-------|---------|-------|-------|---------|-------|-------|---------------|----|-----------|---------|--|
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE FIELD MAINTENANCE COMPLEX (INCREMENT 1) | | 5. PROJECT NUMBER P-257 | | | | | | | | | | | | | | | | | | | | | |
| <p>c. <u>Planned Facilities:</u></p> <table border="1"> <thead> <tr> <th>PROJECT #</th> <th>AREA SF</th> <th>STATUS</th> </tr> </thead> <tbody> <tr> <td>P-257</td> <td>60,540</td> <td>FY-85</td> </tr> <tr> <td>P-803</td> <td>48,000</td> <td>FY-86</td> </tr> <tr> <td>P-804</td> <td>210,300</td> <td>FY-87</td> </tr> <tr> <td>P-805</td> <td>110,000</td> <td>FY-88</td> </tr> <tr> <td>P-256</td> <td><u>13,760</u></td> <td>UP</td> </tr> <tr> <td>SUBTOTAL:</td> <td>442,600</td> <td></td> </tr> </tbody> </table> <p>d. Existing Adequate Facilities: 0 SF</p> <p>Planned Facilities: <u>442,600</u> SF</p> <p>TOTAL PLANNED FACILITIES: 442,600 SF</p> <p>BFRL TOTAL: 442,600 SF</p> <p>14. <u>Maintenance Facilities:</u> Not applicable.</p> <p>15. <u>Morale, Welfare, and Recreation Facilities:</u> Not applicable.</p> <p>16. <u>Relocation Facilities:</u> Not applicable.</p> <p>17. <u>Storage Facilities:</u> Not applicable.</p> <p>18. <u>Hazard Identification, Assessment, and Analysis.</u> Proposed facility will be a Motor Transport School facility. The following potential hazardous conditions will be considered during the design phase:</p> <ul style="list-style-type: none"> a. Exhaust fumes. b. Battery acid fumes. c. Gasoline/diesel fumes. | | | PROJECT # | AREA SF | STATUS | P-257 | 60,540 | FY-85 | P-803 | 48,000 | FY-86 | P-804 | 210,300 | FY-87 | P-805 | 110,000 | FY-88 | P-256 | <u>13,760</u> | UP | SUBTOTAL: | 442,600 | |
| PROJECT # | AREA SF | STATUS | | | | | | | | | | | | | | | | | | | | | |
| P-257 | 60,540 | FY-85 | | | | | | | | | | | | | | | | | | | | | |
| P-803 | 48,000 | FY-86 | | | | | | | | | | | | | | | | | | | | | |
| P-804 | 210,300 | FY-87 | | | | | | | | | | | | | | | | | | | | | |
| P-805 | 110,000 | FY-88 | | | | | | | | | | | | | | | | | | | | | |
| P-256 | <u>13,760</u> | UP | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL: | 442,600 | | | | | | | | | | | | | | | | | | | | | | |





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| 1. COMPONENT NAVY | FY 19_87 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
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| 3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542 | 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) |
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|--------------------|----------------------------|----------------------------|----------------------------------|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE 214-53 | 7. PROJECT NUMBER P-257 | 8. PROJECT COST (\$000) 8,100 |
|--------------------|----------------------------|----------------------------|----------------------------------|

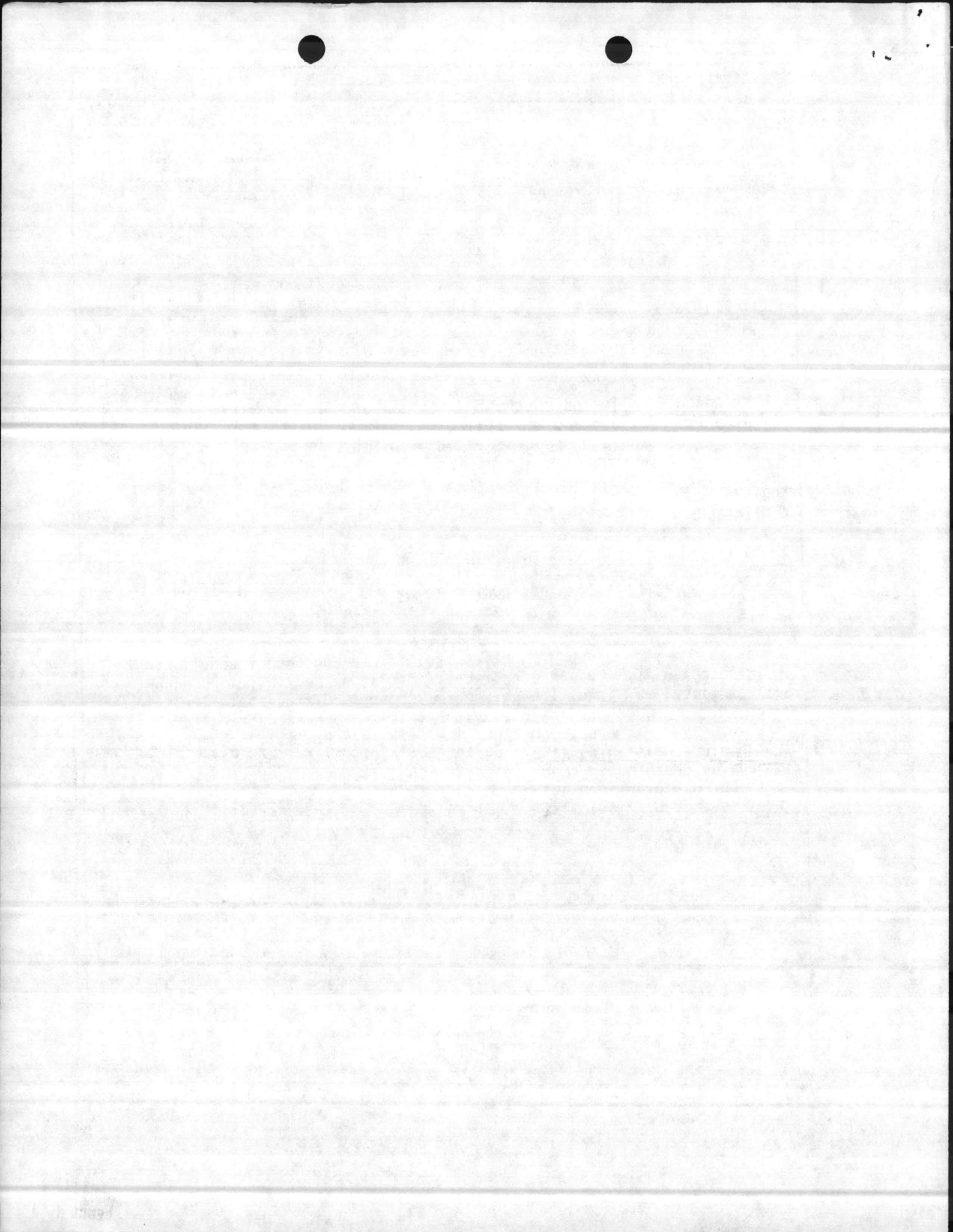
ESCALATED TO APRIL 1987 9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST (\$000) |
|--|-----|----------|-----------|--------------|
| FIELD MAINTENANCE COMPLEX | | | | |
| Building - Shop 1 | SF | 60,540 | 109 | 6,599 |
| Vehicle Inspection Station | SF | 53,000 | 95.43 | (5,058) |
| Built-In Equipment | SF | 7,540 | 73 | (551) |
| SUPPORTING FACILITIES | | | | |
| Wash Apron w/Pollution Control | LS | - | - | (990) |
| Pavements, Flexible and Rigid | LS | - | - | 693 |
| Security Fencing and Lighting | SY | 800 | 42 | (34) |
| Water, Stm, Sewers, Fire Alarm/Telephone | SY | 12,044 | 17.06 | (205) |
| Systems, Site Improvements | LS | - | - | (242) |
| SUBTOTAL | LS | - | - | (212) |
| CONTINGENCY - 5% | LS | - | - | 7,292 |
| ESTIMATED CONTRACT COST | LS | - | - | 364 |
| SUPERVISION, INSPECTION, & OVERHEAD - 5.5% | LS | - | - | 7,656 |
| TOTAL REQUEST (ROUNDED) | LS | - | - | 421 |
| INSTALLED EQUIPMENT - OTHER APPROPRIATIONS | - | - | - | 8,100 |

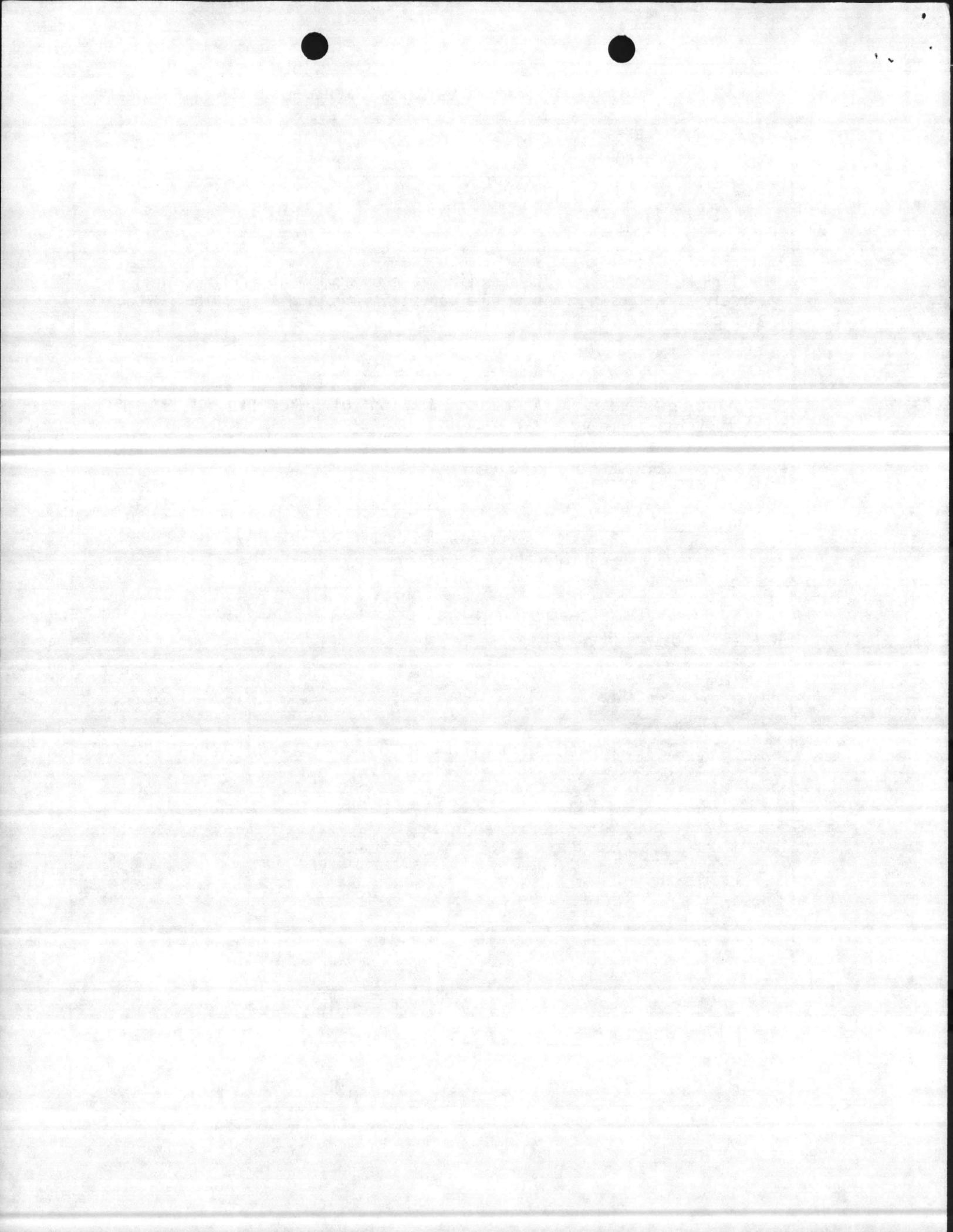
10. DESCRIPTION OF PROPOSED CONSTRUCTION
 Permanent one-story shop with piles, reinforced concrete foundation, floors and masonry walls. Built-up roof over insulation and interior support systems (i.e., air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, engine exhaust systems, 10 ton overhead bridge cranes, exterior pavement, area lighting, site work, and utilities connected; 1½ ton air conditioning). Permanent one-story vehicle inspection station with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems (i.e., air-conditioning, hydraulic lifts, oil separators, compressed air, central lube dispensing, engine exhaust system, exterior pavement, concrete wash aprons, area lighting, site work, and utilities connected; 1 ton air conditioning).

REQUIREMENTS: 442,600 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF
 PROJECT: Construct Increment 1 of Combat/Auto/Track Field Maintenance Shop with Vehicle Inspection Station for maintenance personnel of the 2d Force Service Support Group.
 REQUIREMENT: A Combat/Auto/Track Field Maintenance Shop is required to perform 3rd and 4th echelon maintenance on equipment assigned to the 2d Marine Division (FMF), Marine Corps Air Station (H), New River, and 2d Force Service Support Group (REIN).
 CURRENT SITUATION: The maintenance program is being carried out in sub-standard masonry-type WW-II buildings and Butler-type metal buildings. The facilities are totally inadequate due to size, configuration, utility requirements, and site location.
 (CONTINUED ON PAGE 2)

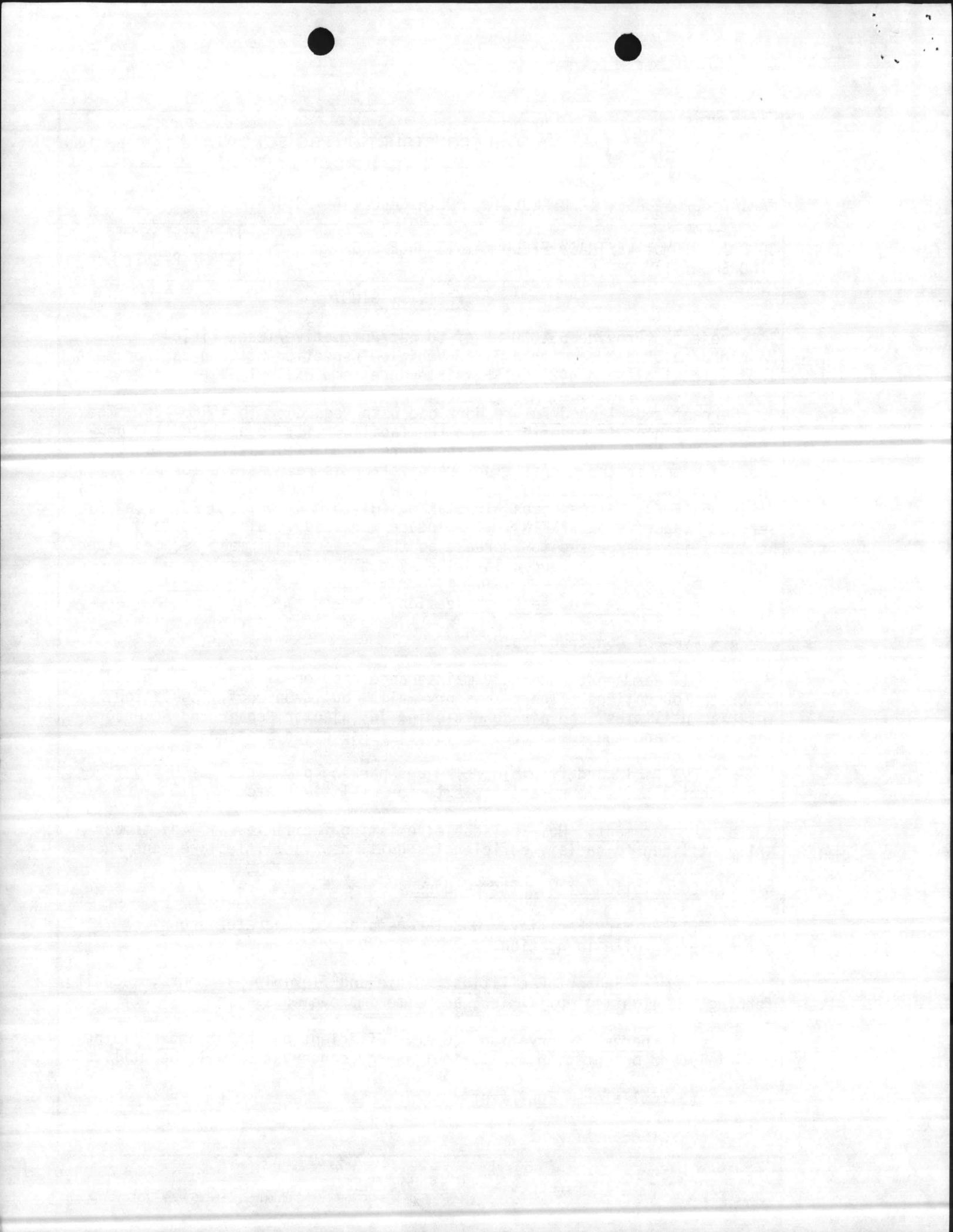
ENCL (1)



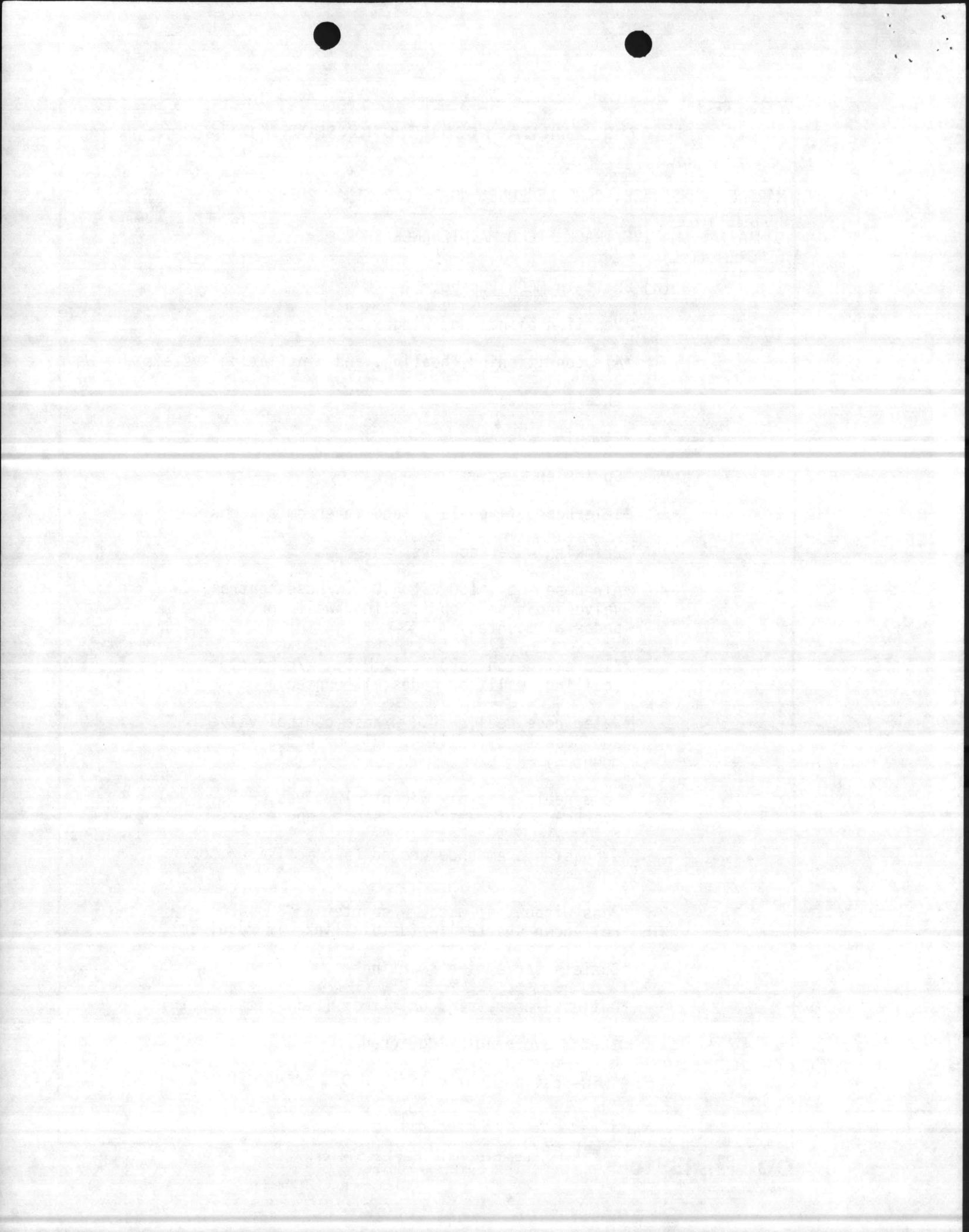
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| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p>REQUIREMENTS: (continued...) IMPACT IF NOT PROVIDED: The deadline time on equipment will remain adversely affected and maintenance capability and combat readiness will continue to be impaired.</p> | | |
| <p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> | | |
| <p>1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution.</p> | | |
| <p>2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.</p> | | |
| <p>3. <u>Environmental Impact</u>: The project Environmental Impact Assessment is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated.</p> | | |
| <p>4. <u>Fallout Shelter Construction</u>: Fallout shelter protection is not incorporated in this project.</p> | | |
| <p>5. <u>Design for Accessibility of Physically Handicapped Personnel</u>: Provisions for physically handicapped personnel are not required in this project.</p> | | |
| <p>6. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform WITH DOD 4270.1-M.</p> | | |
| <p>7. <u>Preservation of Historical Sites and Structures</u>: This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history.</p> | | |
| <p>8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76)</u>: Not applicable.</p> | | |



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| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project.</u> Provide 53,000 SF of Combat/Automotive/Track Field Maintenance Shop area with a 7,540 Vehicle Inspection Station as Increment 1 of a total planned 442,600 SF maintenance complex.</p> <p>2. <u>Current and Planned Future Workload with Regard to This Project.</u> The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work week is spent in the shops. The organization is responsible for performing third and fourth echelon maintenance on equipment assigned to the 2d Marine Division (FMF); Marine Corps Air Station (H), New River; and 2d Force Service Support Group (REIN). The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.</p> <p>3. <u>Description of Proposed Organization.</u></p> <p style="padding-left: 2em;">a. <u>Type of Construction:</u></p> <p style="padding-left: 4em;">(1) Permanent one-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roof, insulation, interior utilities, and air conditioning in Injector Repair and Accessory Shop areas, and the admin area of Vehicle Inspection Station.</p> <p style="padding-left: 4em;">(2) Rigid and flexible walks and parking pavements, security fences and lighting, site improvements, exterior utilities, etc.</p> <p style="padding-left: 2em;">b. <u>Replacement.</u> Not applicable; existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.</p> <p style="padding-left: 2em;">c. <u>Description of Work to be Done.</u></p> <p style="padding-left: 4em;">(1) <u>Primary Facility.</u> Modular reinforced concrete/masonry structures on pile foundation.</p> <p style="padding-left: 4em;">(a) <u>Support Facilities.</u> Rigid and flexible pavements, security fencing and lighting, utilities, and site improvements.</p> <p style="padding-left: 4em;">(2) <u>Energy Conservation.</u> Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.</p> <p style="padding-left: 4em;">(3) <u>Collateral Equipment.</u></p> <p style="text-align: center;">(SEE NEXT PAGE)</p> | | |



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| 1. COMPONENT NAVY | FY 19 ⁸⁷ MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p>(a) <u>Built-in MCON Funded:</u></p> <ul style="list-style-type: none"> *Venetian blinds and window screens *Air conditioning, heating, and ventilating systems *Interior steam system *Plumbing system *Sprinkler system *Telephone, fire alarm, and intercom systems *Drinking water coolers *Air hose reel, 150 PSI H.D., w/hose control valve and hose stop (ceiling, wall, or pedestal mounted) *Elec extension cord reel, H.D., w/cord stop (ceiling, wall, or pedestal mounted) *Water hose reel, H.D., w/hose control valve and hose stop (ceiling, wall or pedestal mounted) *Hose reels assembly w/control valves, H.D., overhead, automatic hose stops, and meters *Exhaust system underground (automotive or const. equipment) *Pass window; 4' wide, w/counter & "B" label roll-down shutter (w/fusible link, if required) *Outlets for engine starting *Outlets for refrig. unit test (utilities repair) *10-ton overhead bridge crane *Twin-post pneumatic lift, H.D., 24,000 lb. capacity *5-ton overhead monorail | | |



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| 1. COMPONENT NAVY | FY 19 ⁸⁷ MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
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3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE
COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP
(INCREMENT 1)

5. PROJECT NUMBER

P-257

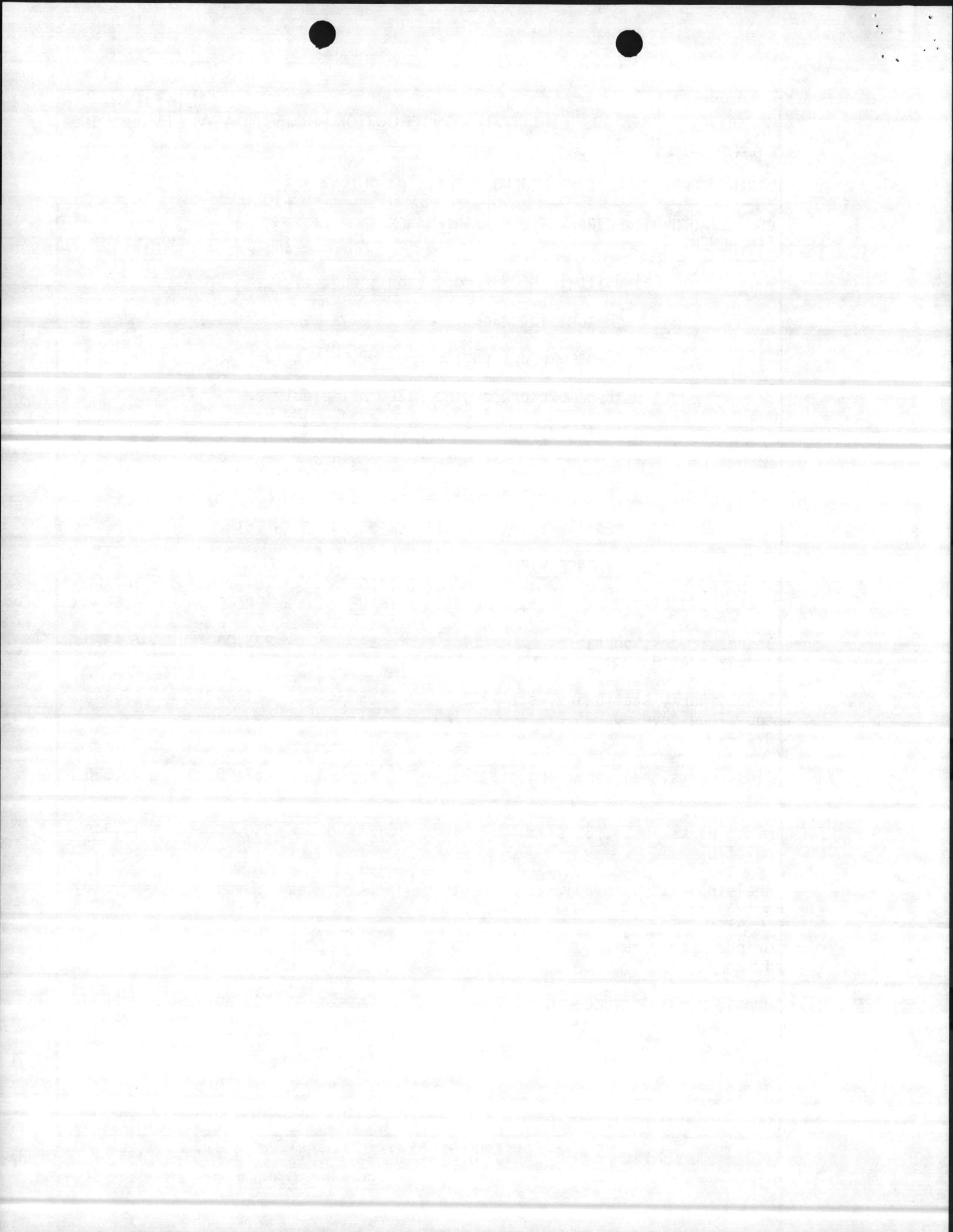
(a) Built-In MCON Funded (continued...)

- *2-ton jib crane
- *Dynamometer, engine, 300 HP, electric
- *Dynamometer, engine, 1200 HP, electric
- *Paint spray booth w/hood, 5'x3'
- *Hose reel assembly w/control valves, H.D., overhead, wall mtd or pedestal
- *Engine starting outlets 12, 24, & 36 volt

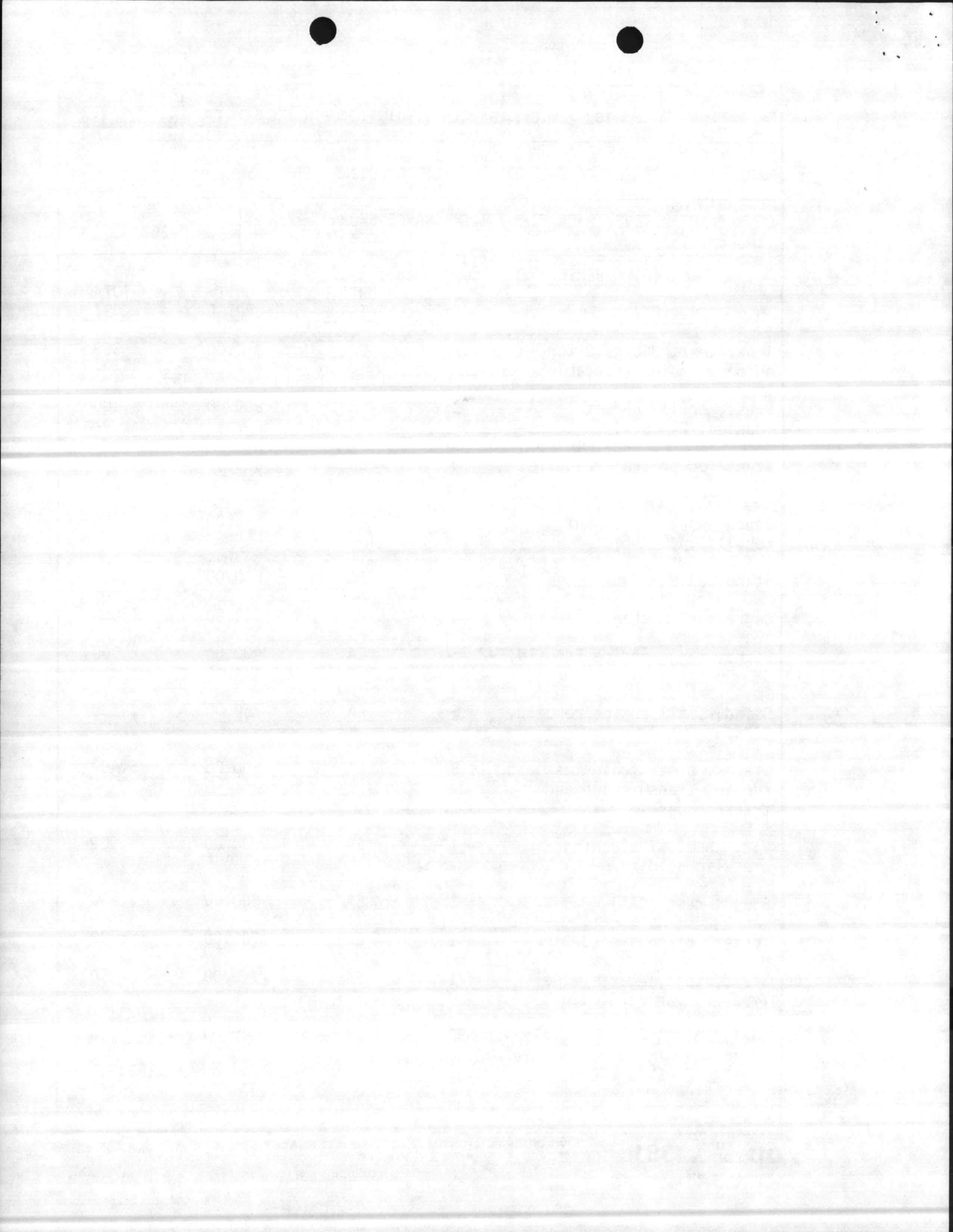
(b) EXPENSE ITEMS:

| <u>DESCRIPTION</u> | <u>QTY</u> | <u>UNIT OF ISSUE</u> | <u>UNIT PRICE</u> | <u>TOTAL COST</u> |
|--|------------|----------------------|-------------------|-------------------|
| Benches, work, portable, 48"x28"x34" H | 4 | EA | 225.00 | \$ 900 |
| Bench, work, stationary, stl top, lead covered, 28"D x 3/4"H | 353 | LF | 77.59 | 27,388 |
| Bins, parts, adj. shelving, 14Xx24" D | 1,178 | LF | 37.00 | 43,586 |
| Bins, parts, rota, 3' Diam, multi-bin | 4 | EA | 360.00 | 1,440 |
| Shelving, 12" W, w/adj. standards | 1 | EA | 90.00 | 90 |
| Grinder, pedestal, 10", 12 amps | 3 | EA | 175.00 | 525 |
| Press, hydraulic, 10-ton | 1 | EA | 600.00 | 600 |
| Tank, cleaning (parts), 38"x22"x34" (portable), w/drying racks | 1 | EA | 395.00 | 395 |

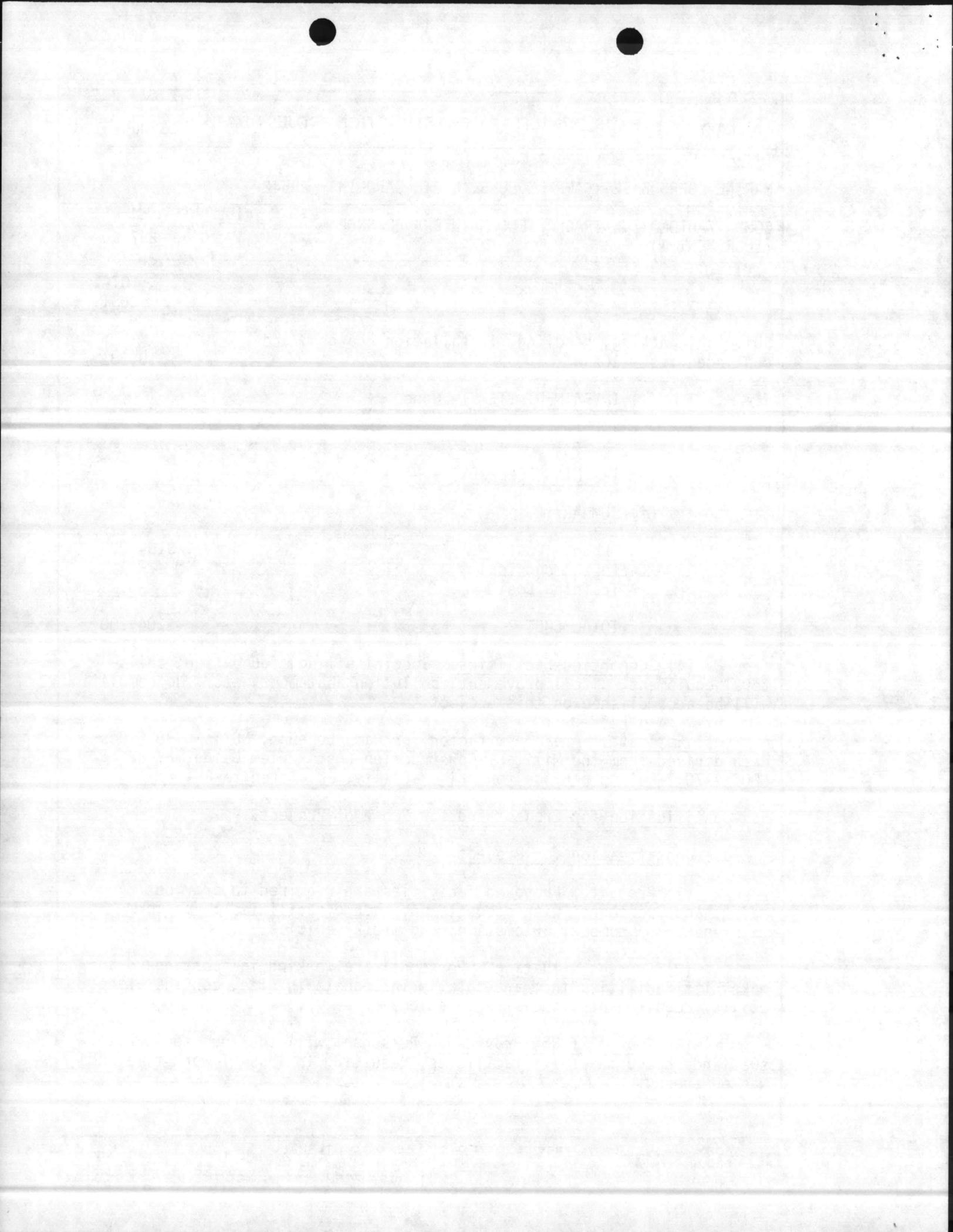
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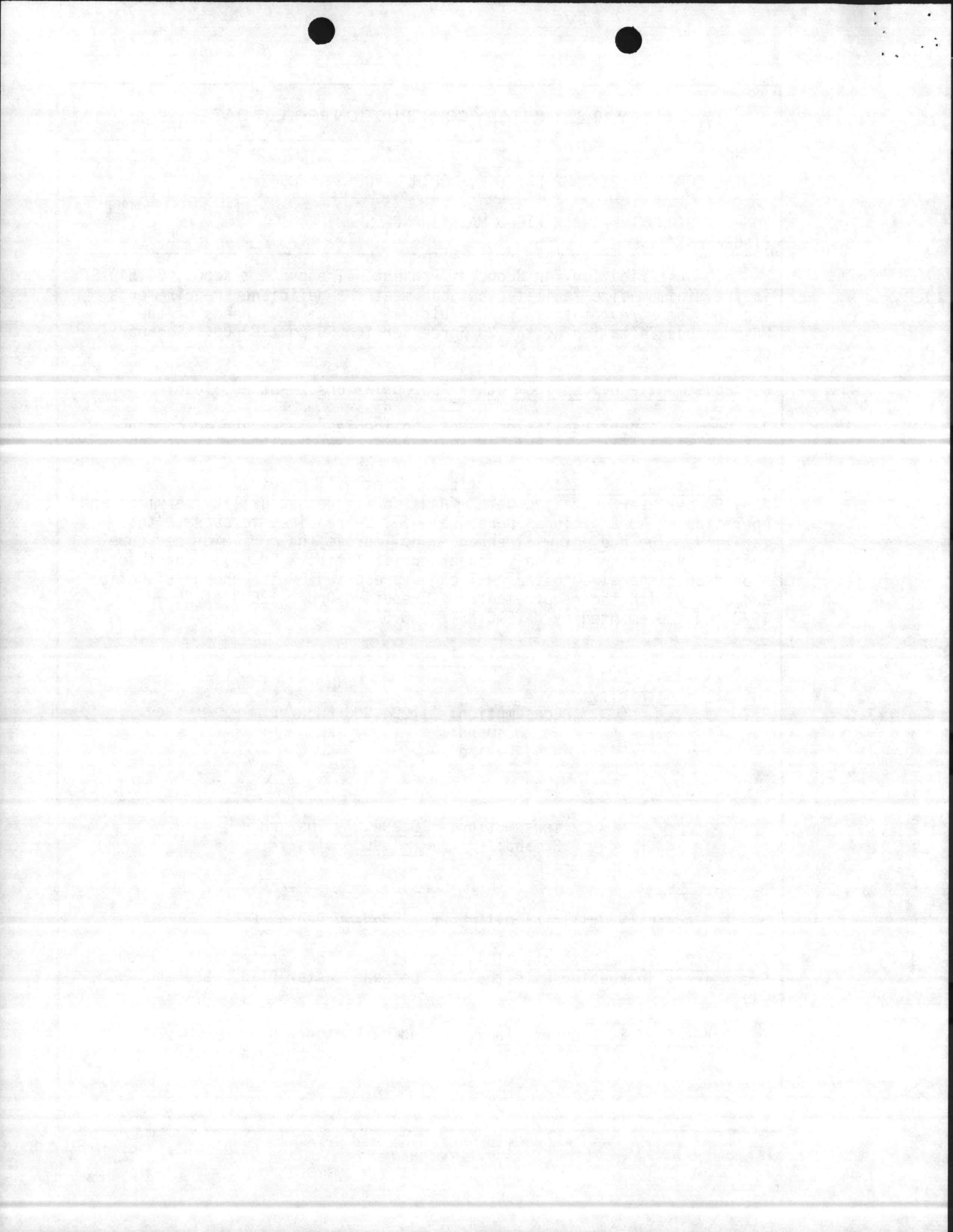
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| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 | | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 | | |
| (b) EXPENSE ITEMS (continued...) | | | | |
| <u>DESCRIPTION</u> | <u>QTY</u> | <u>UNIT OF ISSUE</u> | <u>UNIT PRICE</u> | <u>TOTAL COST</u> |
| Tank, test, 300 gal, for outboard motor (portable) | 1 | EA | 360.00 | 360 |
| Press, drill, pedestal mounted, 24" S.W. | 3 | EA | 1,800.00 | 5,400 |
| Stand, power train rebuild, 48"x72" | 10 | EA | 300.00 | 3,000 |
| Bench, work (component rebuild), 48"x96"x24" H | 29 | EA | 85.00 | 2,465 |
| Stand, axle | 10 | EA | 200.00 | 2,000 |
| Degreaser, mechanical | 3 | EA | 600.00 | 1,800 |
| Stand, large engine rebuild, 38"x90" | 5 | EA | 400.00 | 2,000 |
| Stand, small engine rebuild, 34"x48" | 6 | EA | 250.00 | 1,500 |
| Stands, power train test and run-in, transmission and transfer cases | 8 | EA | 800.00 | 6,400 |
| Vat, chemical cleaning, cresylic acid type | 1 | EA | 1,000.00 | 1,000 |
| Stand, test (C&I) | 2 | EA | 800.00 | 1,600 |
| Tester, diagnosis (C&I) | 1 | EA | 300.00 | 300 |
| Stand, test, Agarts model, Type II, part #7336.2 | 1 | EA | 750.00 | 750 |
| Shelving, 24" | 32 | LF | 10.00 | <u>320</u> |
| TOTAL EXPENSE ITEMS | | | | \$103,819 |



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| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
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| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p>Shipping, packing, handling, installation charges, and contingencies - 10%</p> <p>(c) <u>INVESTMENT ITEMS</u> - None</p> <p>(d) <u>APA EQUIPMENT</u> - None</p> <p>(e) <u>TRAINING EQUIPMENT</u> - None</p> <p>(f) <u>SUMMARY:</u></p> <p>Expense Cost \$104,200</p> <p>Investment Cost -</p> <p>Training Cost -</p> <p>TOTAL COST \$104,200</p> | | <p><u>TOTAL COST</u></p> <p>\$10,381</p> |
| <p>(4) <u>Supporting Facilities.</u> Special piling, foundation, collateral equipment, site improvement, pollution abatement, etc. No demolition will be accomplished on this project.</p> | | |
| <p>4. <u>Cost Estimate.</u> Area cost factor for Camp Lejeune, NC is 0.95. Cost data derived from the Military Construction Cost Review Guide, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY- 87.</p> | | |
| <p>5. <u>Justification for Project and for Scope of Project.</u></p> | | |
| <p>a. <u>Justification for Project.</u></p> | | |
| <p>(1) <u>Project.</u> Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform maintenance on combat, automotive, and track vehicles.</p> | | |
| <p>(2) <u>Current Situation.</u> Personnel are working in substandard and makeshift facilities that are totally inadequate in size, configuration, utility requirements, and site location.</p> | | |
| <p>(3) <u>Impact If Not Provided.</u> Personnel will continue to work in substandard and makeshift facilities, resulting in loss of work time and wasted energy.</p> | | |



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|---|--|-------------------------|--------------|------------------|---------|--------------|------------|----|--------------|----------|----|--------------|-------------------|--------|---------|--------------|--------|
| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 | | | | | | | | | | | | | | | | |
| <p>b. <u>Justification for Scope of Project.</u> The project scope, 60,540 SF, is the <u>minimum size facility</u> that can meet the deficiency requirements for the Combat/Automotive/Track Field Maintenance Shop needs of the Maintenance Battalion of the 2d Force Service Support Group. See paragraph 13.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> Not applicable. There are no common support facilities available in the French Creek area.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$65,000 per year increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p> <p style="text-align: center;"><u>UTILITY REQUIREMENTS:</u></p> <p>a. <u>Electricity.</u></p> <table style="margin-left: 100px;"> <tr> <td>Consumption:</td> <td><u>1,094,600</u></td> <td>KWHR/yr</td> </tr> <tr> <td>Peak Demand:</td> <td><u>339</u></td> <td>KW</td> </tr> <tr> <td>Avg. Demand:</td> <td><u>-</u></td> <td>KW</td> </tr> </table> <p>b. <u>Steam.</u></p> <table style="margin-left: 100px;"> <tr> <td>Consumption:</td> <td><u>10,194,079</u></td> <td>lbs/yr</td> </tr> <tr> <td>Demand:</td> <td><u>1,900</u></td> <td>lbs/yr</td> </tr> </table> <p>c. <u>Coal.</u> <u>-</u> tons/yr</p> <p>d. Adequate utilities will be provided by P-054, FY-85.</p> <p>9. <u>Siting of the Project.</u> This facility will be located in the French Creek area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs:</u> See encl (2).</p> | | | Consumption: | <u>1,094,600</u> | KWHR/yr | Peak Demand: | <u>339</u> | KW | Avg. Demand: | <u>-</u> | KW | Consumption: | <u>10,194,079</u> | lbs/yr | Demand: | <u>1,900</u> | lbs/yr |
| Consumption: | <u>1,094,600</u> | KWHR/yr | | | | | | | | | | | | | | | |
| Peak Demand: | <u>339</u> | KW | | | | | | | | | | | | | | | |
| Avg. Demand: | <u>-</u> | KW | | | | | | | | | | | | | | | |
| Consumption: | <u>10,194,079</u> | lbs/yr | | | | | | | | | | | | | | | |
| Demand: | <u>1,900</u> | lbs/yr | | | | | | | | | | | | | | | |



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| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 | |
| 11. <u>Economic Analysis.</u> This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area. | | |
| 12. <u>Environmental Impact Assessment.</u> An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA-Review Board. No adverse environmental impact is anticipated. | | |
| 13. <u>Quantitative Data.</u> a. <u>BFRL requirement</u> for the French Creek area (EA) is 442,600 SF. NAVFAC P-80 states that the requirement for this category code (214-53) is determined from definitive drawings given in NAVFAC P-272, Part IV. | | |
| NAVFAC DWG # | DESCRIPTION | AREA SF |
| 1294489 | Combat/Automotive/Track Fld Mnt Shop | 220,000 |
| 1294490 | " | 53,000 |
| 1294491 | " | 47,500 |
| 129492 | " | 48,000 |
| 1294493 | " | 52,800 |
| 1294508 | Vehicle Inspection Statement | 7,540 |
| 1294444 | Combat/Automotive/Track Fld Mnt Shop | <u>13,760</u> |
| TOTAL: | | 442,600 |
| b. <u>Existing Facilities:</u> None | | |
| c. <u>Planned Facilities:</u> SEE NEXT PAGE | | |



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| 1. COMPONENT NAVY | FY 19 <u>87</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 15 June 1984 |
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3. INSTALLATION AND LOCATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

| | |
|---|----------------------------|
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 |
|---|----------------------------|

c. Planned Facilities:

| <u>PROJECT #</u> | <u>AREA SF</u> | <u>STATUS</u> |
|------------------|----------------|---------------|
| P-257 | 60,540 | FY-85 |
| P-803 | 48,000 | FY-86 |
| P-804 | 210,300 | FY-87 |
| P-805 | 110,000 | FY-88 |
| P-256 | <u>13,760</u> | UP |
| SUBTOTAL: | 442,600 | |

d. Existing Adequate Facilities: 0 SF

Planned Facilities: - 442,600 SF

TOTAL PLANNED FACILITIES: 442,600 SF

BFRL TOTAL: 442,600 SF

14. Maintenance Facilities: Not applicable.

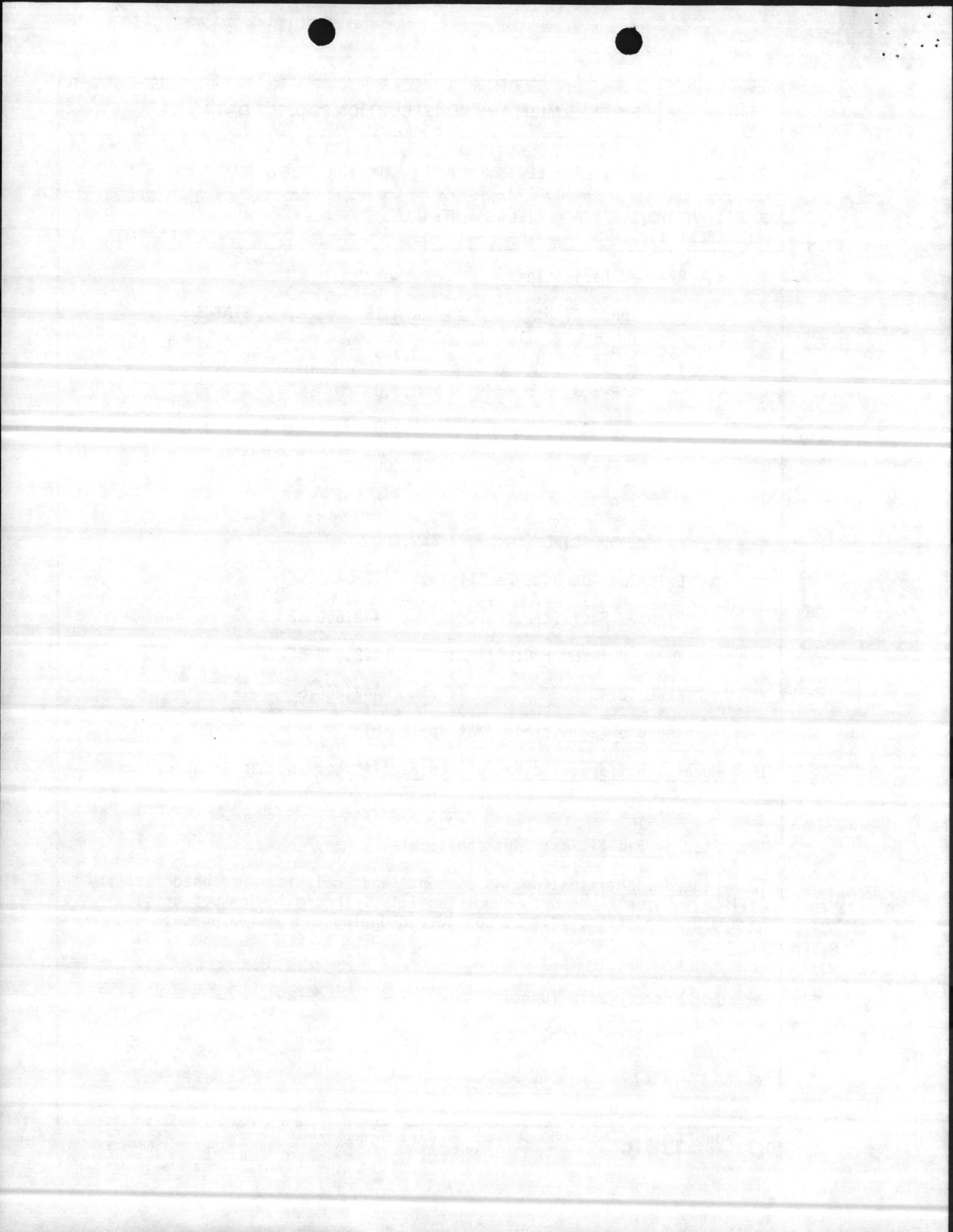
15. Morale, Welfare, and Recreation Facilities: Not applicable.

16. Relocation Facilities: Not applicable.

17. Storage Facilities: Not applicable.

18. Hazard Identification, Assessment, and Analysis. Proposed facility will be a Motor Transport School facility. The following potential hazardous conditions will be considered during the design phase:

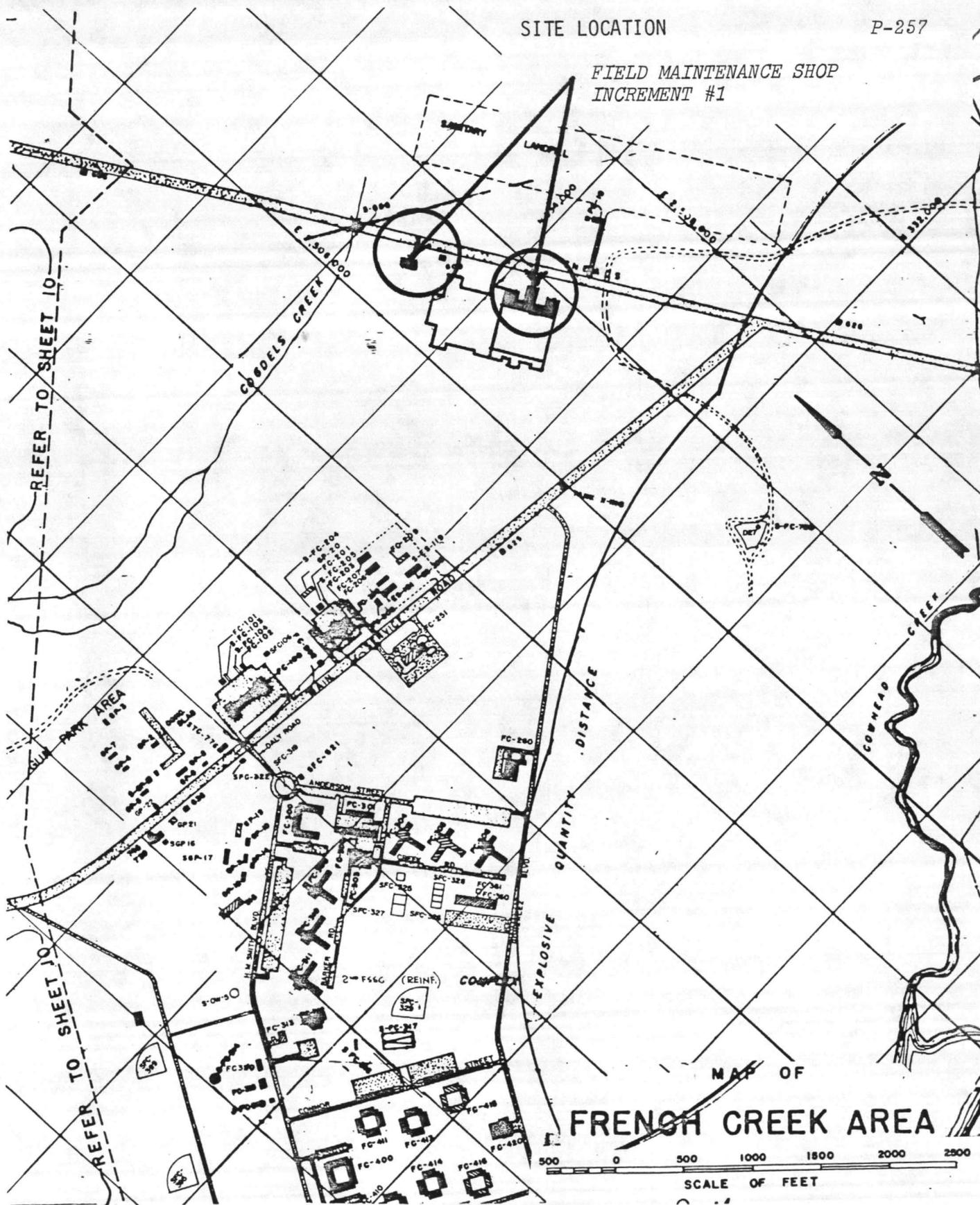
- a. Exhaust fumes.
- b. Battery acid fumes.
- c. Gasoline/diesel fumes.



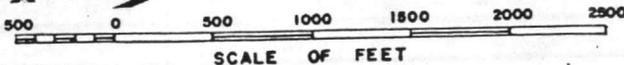
SITE LOCATION

P-257

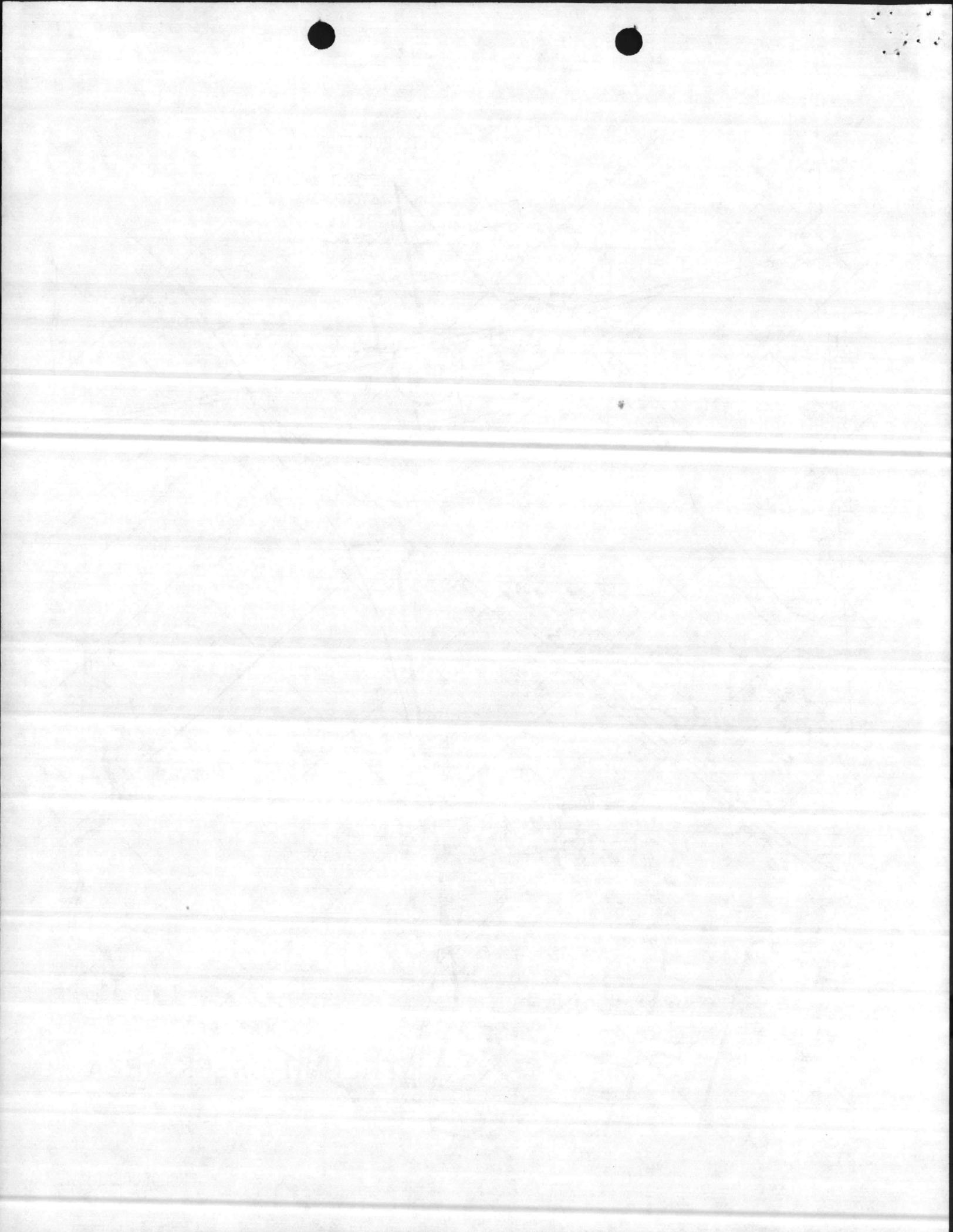
FIELD MAINTENANCE SHOP
INCREMENT #1

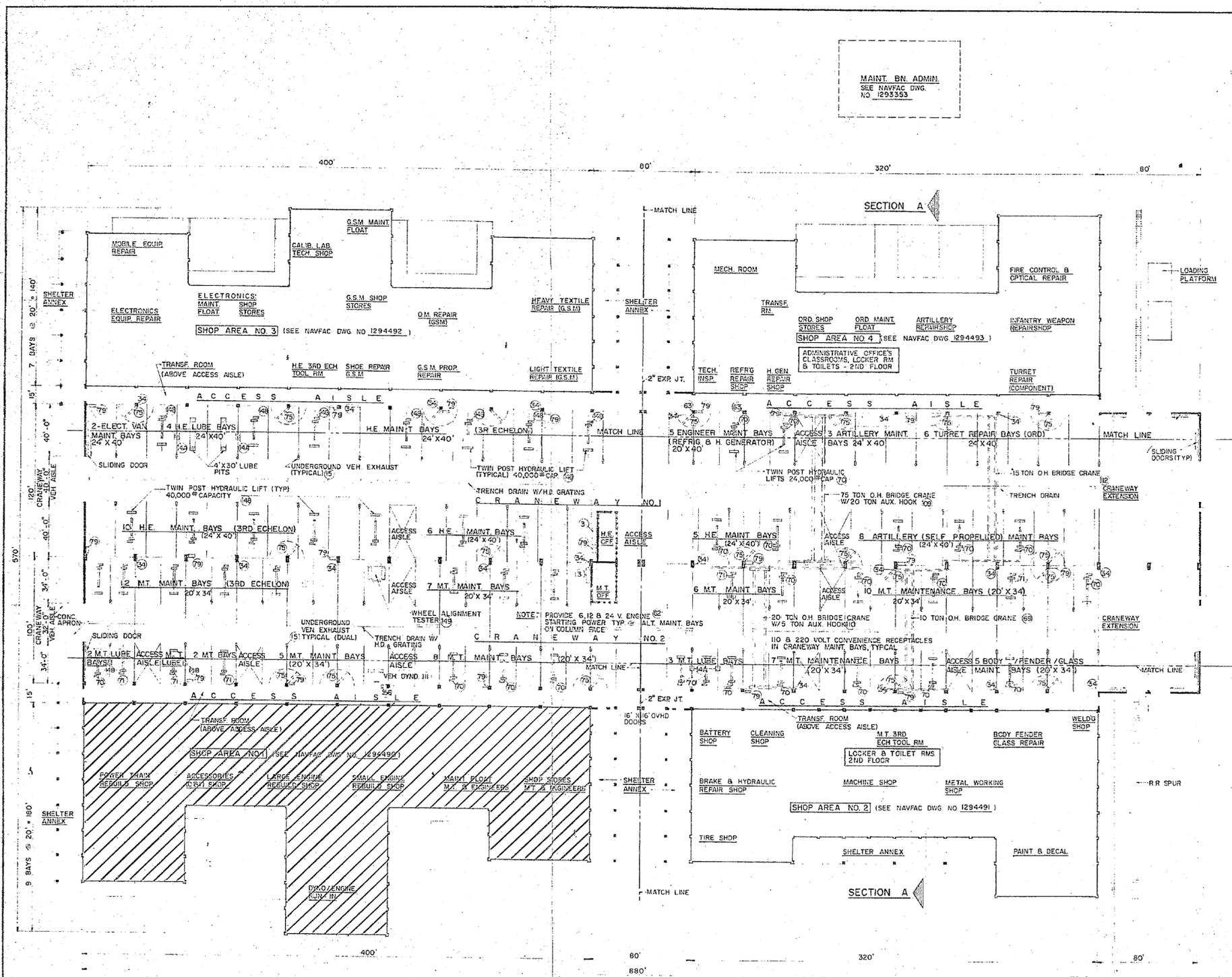


MAP OF
FRENCH CREEK AREA



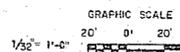
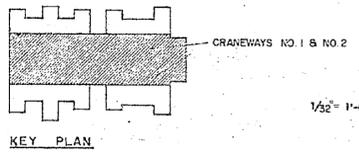
ENCLOSURE (1)





FLOOR PLAN - CRANEWAYS
SCALE 1/32" = 1'-0"

FOR EQUIPMENT SCHEDULE SEE NAVFAC DWG. NO. 1294506 - 6 1294507
SEE SPECIAL NOTES DWG. 1294494
FOR VEHICLE INSPECTION & CONC. WASH. APRON REQUIREMENTS, SEE NAVFAC DWG. NO. 1294508



USE DIRECTED AT MARINE CORPS ACTIVITIES
W. C. [Signature]

PLUMBING REQUIREMENTS

COLD WATER: (PROBABLE MAXIMUM FLOW RATE IN GPM) 50
NOTE: ABOVE FLOOR RATE DOES NOT INCLUDE REQUIREMENTS FOR FIRE PROTECTION, PROCESS, AND AIR CONDITIONING.
HOT WATER:
STORAGE IN GALLONS (ELECTRIC WATER HEATER) NONE

MECHANICAL REQUIREMENTS

HEATING: (IN MBTU/HR): 60°F - SHOPS
INSIDE DESIGN TEMPERATURE 70°F - OFFICE & TOILETS
OUTSIDE DESIGN TEMPERATURE -5°F +8°F +15°F +25°F
8850 7380 7065 6290
AIR CONDITIONING: (TONS OF REFRIGERATION): MAX.
INSIDE DESIGN TEMPERATURE SEE SPECIAL NOTE III NAVFAC DWG. 1294494
OUTSIDE DESIGN TEMPERATURE 95°F FOB - 78°F FWB
0

ELECTRICAL REQUIREMENTS

LIGHTS:

| | |
|-----------------------|-----|
| CONNECTED LOAD (KW) | 274 |
| ESTIMATED DEMAND (KW) | 274 |

POWER:

| | WITH AC (MAX. CAP) | WITHOUT AC |
|-----------------------|--------------------|------------|
| CONNECTED LOAD (KW) | 550 | 550 |
| ESTIMATED DEMAND (KW) | 412 | 412 |

TOTAL:

| | |
|-----------------------|-----|
| CONNECTED LOAD (KW) | 824 |
| ESTIMATED DEMAND (KW) | 686 |

MAXIMUM AIR CONDITIONING REQUIREMENT IS APPROXIMATE ACTUAL SPACES TO BE AIR CONDITIONED AND REQUIREMENTS SHALL BE BASED ON D.O.D. CONSTRUCTION CRITERIA MANUAL NO. 4270.1-M.

AREA

| | |
|---|---------|
| GROSS AREA WITHOUT MECH. EQUIP. RM. (SQ. FT.) | |
| MECH. EQUIP. ROOM (SQ. FT.) | |
| GROSS AREA-TOTAL (SQ. FT.) CRANEWAY NO. 1 & 2 | 220,000 |

GENERAL NOTES

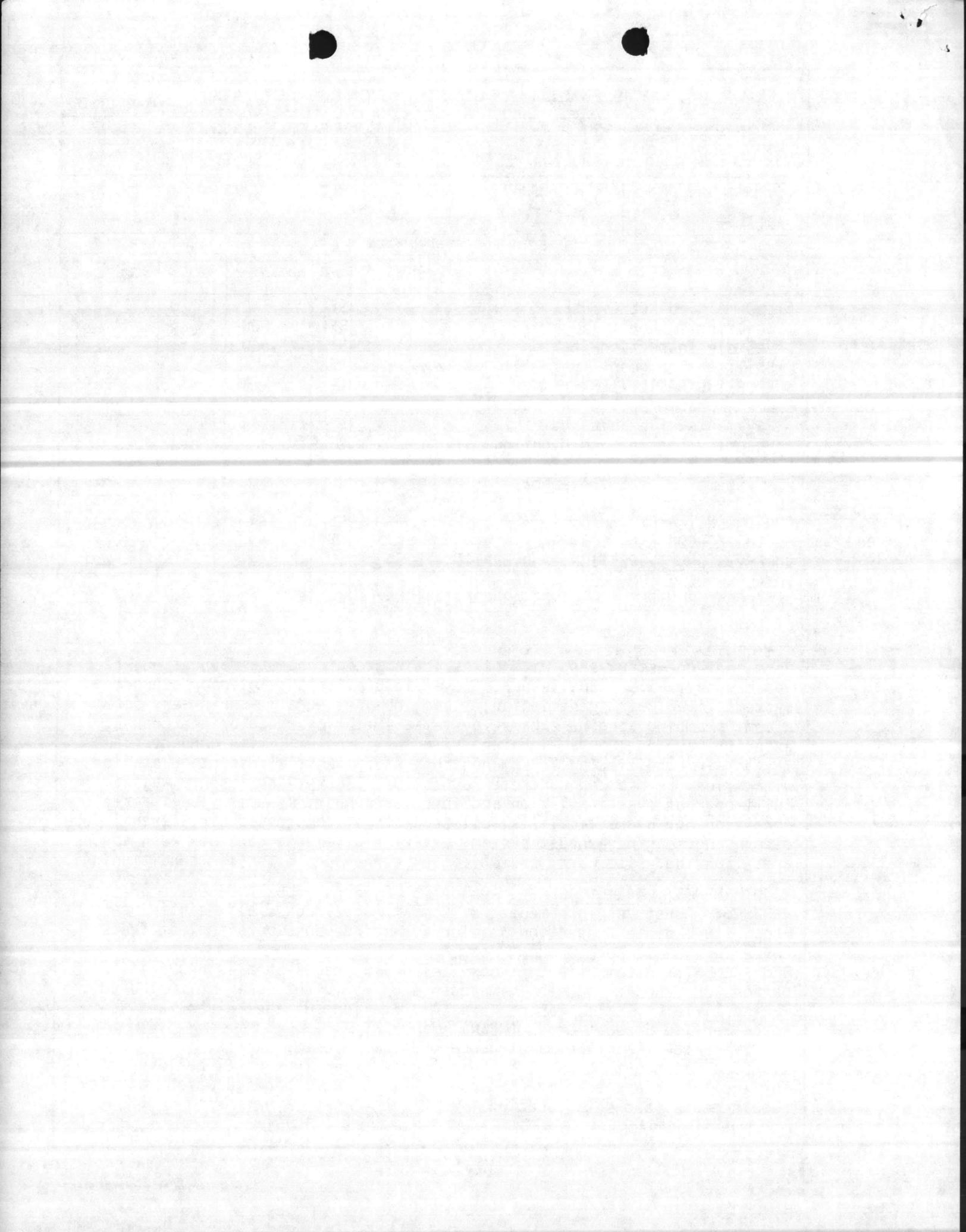
UTILITIES REQUIREMENTS INDICATED ARE FOR ESTIMATING PURPOSES ONLY.
AUTOMATIC SPRINKLER AND FIRE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT D.O.D. 4270.1-M CONSTRUCTION CRITERIA AND NAVFAC DM-B.
MARINE CORPS ACTIVITIES SHALL FOLLOW THE ARRANGEMENT AND FUNCTIONAL LAYOUT INDICATED IN INITIATION OF CONSTRUCTION REQUIREMENTS UNLESS PRIOR AUTHORIZATION FOR CHANGE IS OBTAINED FROM THE COMMANDANT OF THE MARINE CORPS. ARCHITECTURAL TREATMENT AND MATERIAL MAY VARY WHEN NEEDED TO ACHIEVE COMPATIBILITY WITH LOCAL CONSTRUCTION AND EFFECTIVE USE OF MATERIALS.

P-257 FY-87
FIELD MAINTENANCE FACILITY
1st INCREMENT

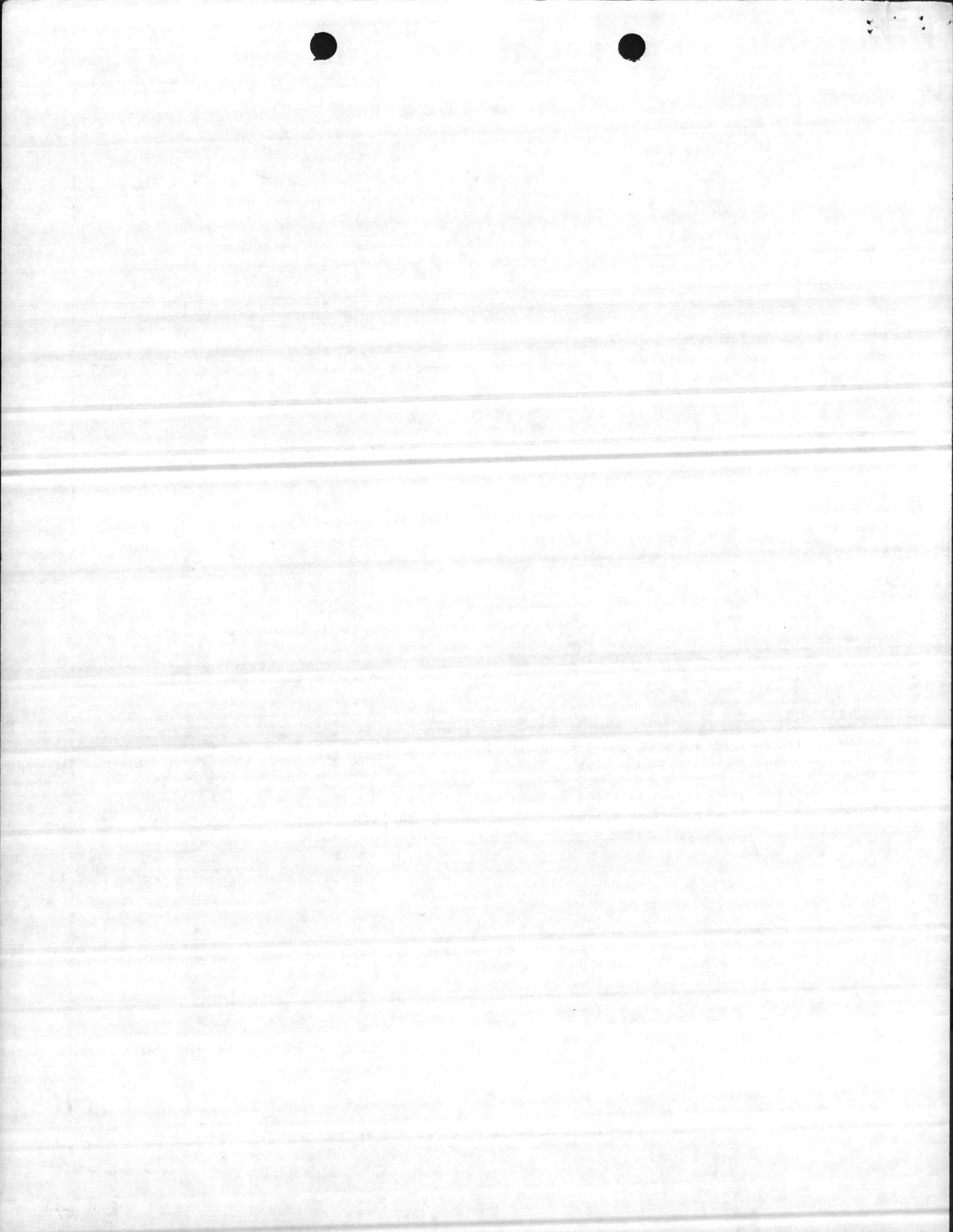
| | |
|---|--------------------------------------|
| DESIGNED BY: BISSSETT, CARLISLE & WOLFF | DEPARTMENT OF THE NAVY |
| WASHINGTON, D.C. | NAVAL FACILITIES ENGINEERING COMMAND |
| DEFINITIVE DRAWING | COMBAT/AUTOMOTIVE/TRACK |
| FIELD MAINTENANCE SHOP (CRANEWAYS) | MAINTENANCE BATTALION F.S.R. |
| NAVAC DRAWING NO. 1294489 | NAVAC DRAWING NO. 1294489 |
| DATE: 1/12/87 | DATE: 1/12/87 |
| BY: [Signature] | BY: [Signature] |
| CHECKED BY: [Signature] | CHECKED BY: [Signature] |
| APPROVED BY: [Signature] | APPROVED BY: [Signature] |

| No. | Date | Particulars | Debit | Credit | Balance |
|-----|------|-------------|-------|--------|---------|
| 1 | 1880 | ... | | | |
| 2 | 1880 | ... | | | |
| 3 | 1880 | ... | | | |
| 4 | 1880 | ... | | | |
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| 68 | 1880 | ... | | | |
| 69 | 1880 | ... | | | |
| 70 | 1880 | ... | | | |

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| 1. COMPONENT NAVY | | FY 19 87 MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 1 AUG 1983 | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 214-53 | 7. PROJECT NUMBER P-257 | | 8. PROJECT COST (\$000) 8.1 | |
| ESCALATED TO APRIL 1987 9. COST ESTIMATES | | | | | | |
| ITEM | | U/M | QUANTITY | UNIT COST | COST (\$000) | |
| FIELD MAINTENANCE COMPLEX | | SF | 60,540 | 109 | 6,599 | |
| Building - Shop 1 | | SF | 53,000 | 95.43 | (5,058) | |
| Vehicle Inspection Station | | SF | 7,540 | 73 | (551) | |
| Built-In Equipment | | LS | - | - | (990) | |
| SUPPORTING FACILITIES | | LS | - | - | 693 | |
| Wash Apron w/Pollution Control | | SY | 800 | 42 | (34) | |
| Pavements, Flexible and Rigid | | SY | 12,044 | 17.06 | (205) | |
| Security Fencing and Lighting | | LS | - | - | (242) | |
| Water, Stm, Sewers, Fire Alarm/Telephone Systems, Site Improvements | | LS | - | - | (212) | |
| SUBTOTAL | | LS | - | - | 7,292 | |
| CONTINGENCY - 5% | | LS | - | - | 364 | |
| ESTIMATED CONTRACT COST | | LS | - | - | 7,656 | |
| SUPERVISION, INSPECTION, & OVERHEAD - 5.5% | | LS | - | - | 421 | |
| TOTAL REQUEST (ROUNDED) | | LS | - | - | 8,100 | |
| INSTALLED EQUIPMENT - OTHER APPROPRIATIONS | | - | - | - | - | |
| 10. DESCRIPTION OF PROPOSED CONSTRUCTION | | | | | | |
| <p>Permanent one-story shop with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems (i.e., air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, engine exhaust systems, 10 ton overhead bridge cranes, exterior pavement, area lighting, site work, and utilities connected; 1½ ton air conditioning). Permanent one-story vehicle inspection station with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems (i.e., air-conditioning, hydraulic lifts, oil separators, compressed air, central lube dispensing, engine exhaust system, exterior pavement, concrete wash aprons, area lighting, site work, and utilities connected; 1 ton air conditioning).</p> <p>REQUIREMENTS: 442,600 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF PROJECT: Construct Increment 1 of Combat/Auto/Track Field Maintenance Shop with Vehicle Inspection Station for maintenance personnel of the 2d Force Service Support Group. REQUIREMENT: A Combat/Auto/Track Field Maintenance Shop is required to perform 3rd and 4th echelon maintenance on equipment assigned to the 2d Marine Division (FMF), Marine Corps Air Station (H), New River, and 2d Force Service Support Group (REIN). CURRENT SITUATION: The maintenance program is being carried out in sub-standard masonry-type WW-II buildings and Butler-type metal buildings. The facilities are totally inadequate due to size, configuration, utility requirements, and site location.</p> | | | | | | |
| (CONTINUED ON PAGE 2) | | | | | | |



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|--|--|--|----------------------------|---|------------------------------------|--|
| 1. COMPONENT NAVY | | FY 19 ⁸⁵ MILITARY CONSTRUCTION PROJECT DATA | | | 2. DATE 1 AUG 1981 | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | |
| 5. PROGRAM ELEMENT | | 6. CATEGORY CODE 214-53 | 7. PROJECT NUMBER P-257 | | 8. PROJECT COST (\$000) \$6,700 | |
| 9. COST ESTIMATES | | | | | | |
| ITEM | | U/M | QUANTITY | UNIT COST | COST (\$000) | |
| FIELD MAINTENANCE COMPLEX | | SF | 60,540 | 90 | 5,449 | |
| Building - Shop 1 | | SF | 53,000 | 78.87 | (4,180) | |
| Vehicle Inspection Station | | SF | 7,540 | 60 | (452) | |
| Built-In Equipment | | LS | - | - | (817) | |
| SUPPORTING FACILITIES | | LS | - | - | 573 | |
| Wash Apron w/Pollution Control | | SY | 800 | 35 | (28) | |
| Pavements, Flexible and Rigid | | SY | 12,044 | 14.10 | (170) | |
| Security Fencing and Lighting | | LS | - | - | (200) | |
| Water, Stm, Sewers, Fire Alarm/Telephone Systems, Site Improvements | | LS | - | - | (175) | |
| SUBTOTAL | | LS | - | - | 6,022 | |
| CONTINGENCY - 5% | | LS | - | - | 301 | |
| ESTIMATED CONTRACT COST | | LS | - | - | 6,323 | |
| SUPERVISION, INSPECTION, & OVERHEAD - 5.5% | | LS | - | - | 347 | |
| TOTAL REQUEST (ROUNDED) | | LS | - | - | 6,700 | |
| INSTALLED EQUIPMENT - OTHER APPROPRIATIONS | | - | - | - | - | |
| 10. DESCRIPTION OF PROPOSED CONSTRUCTION | | | | | | |
| <p>Permanent one-story shop with piles, reinforced concrete foundation, floors and masonry walls. Built-up roof over insulation and interior support systems (i.e., air conditioning, steam, compressed air, sprinkler, fire alarm, plumbing, engine exhaust systems, 10 ton overhead bridge cranes, exterior pavement, area lighting, site work, and utilities connected; 1½ ton air conditioning). Permanent one-story vehicle inspection station with piles, reinforced concrete foundation, floors, and masonry walls. Built-up roof over insulation and interior support systems (i.e., air-conditioning, hydraulic lifts, oil separators, compressed air, central lube dispensing, engine exhaust system, exterior pavement, concrete wash aprons, area lighting, site work, and utilities connected; 1 ton air conditioning).</p> <p>REQUIREMENTS: 442,600 SF ADEQUATE: 0 SF SUBSTANDARD: 0 SF PROJECT: Construct Increment 1 of Combat/Auto/Track Field Maintenance Shop with Vehicle Inspection Station for maintenance personnel of the 2d Force Service Support Group. REQUIREMENT: A Combat/Auto/Track Field Maintenance Shop is required to perform 3rd and 4th echelon maintenance on equipment assigned to the 2d Marine Division (FMF), Marine Corps Air Station (H), New River, and 2d Force Service Support Group (REIN). CURRENT SITUATION: The maintenance program is being carried out in sub-standard masonry-type WW-II buildings and Butler-type metal buildings. The facilities are totally inadequate due to size, configuration, utility requirements, and site location. (CONTINUED ON PAGE 2)</p> | | | | | | |



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| 1. COMPONENT NAVY | FY 19 ⁸⁵ MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 |
|----------------------|--|-----------------------|

| | |
|---|---|
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542 | 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) |
|---|---|

| | | | |
|--------------------|----------------------------|----------------------------|------------------------------------|
| 5. PROGRAM ELEMENT | 6. CATEGORY CODE 214-53 | 7. PROJECT NUMBER P-257 | 8. PROJECT COST (\$000) \$6,700 |
|--------------------|----------------------------|----------------------------|------------------------------------|

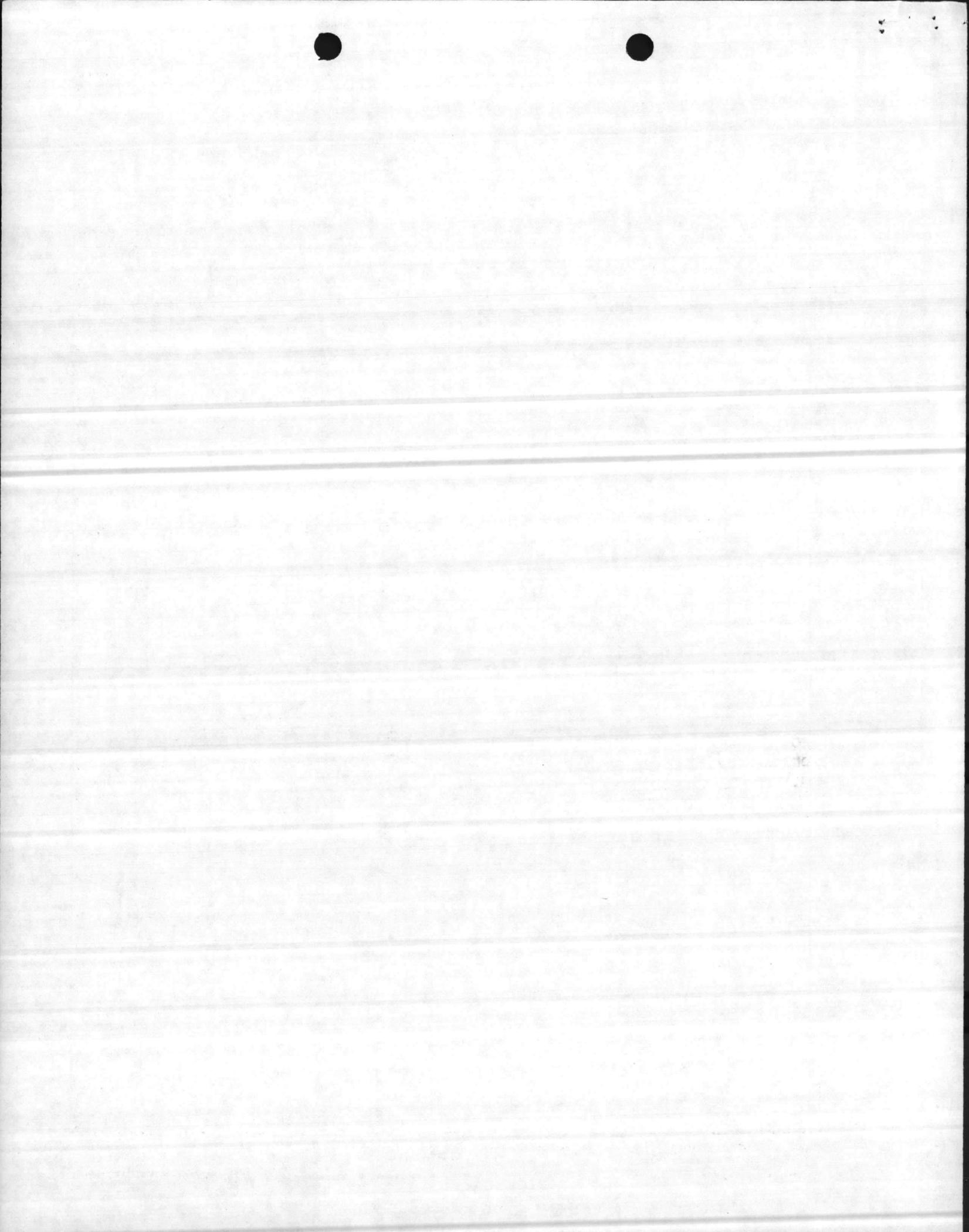
9. COST ESTIMATES

| ITEM | U/M | QUANTITY | UNIT COST | COST (\$000) |
|------|-----|----------|-----------|--------------|
| | | | | |

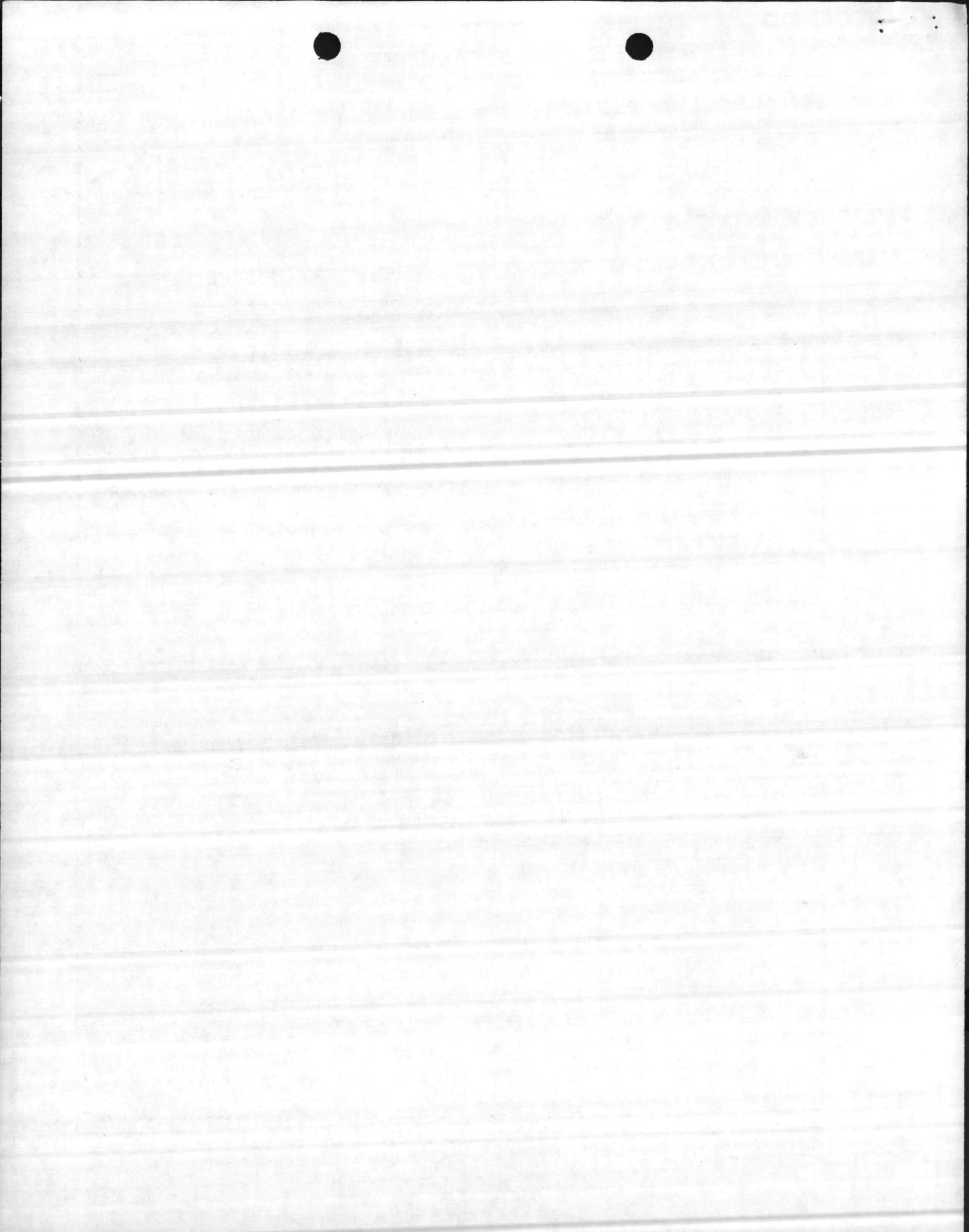
10. DESCRIPTION OF PROPOSED CONSTRUCTION

REQUIREMENTS: (continued...)
IMPACT IF NOT PROVIDED: The deadline time on equipment will remain adversely affected and maintenance capability and combat readiness will continue to be impaired.

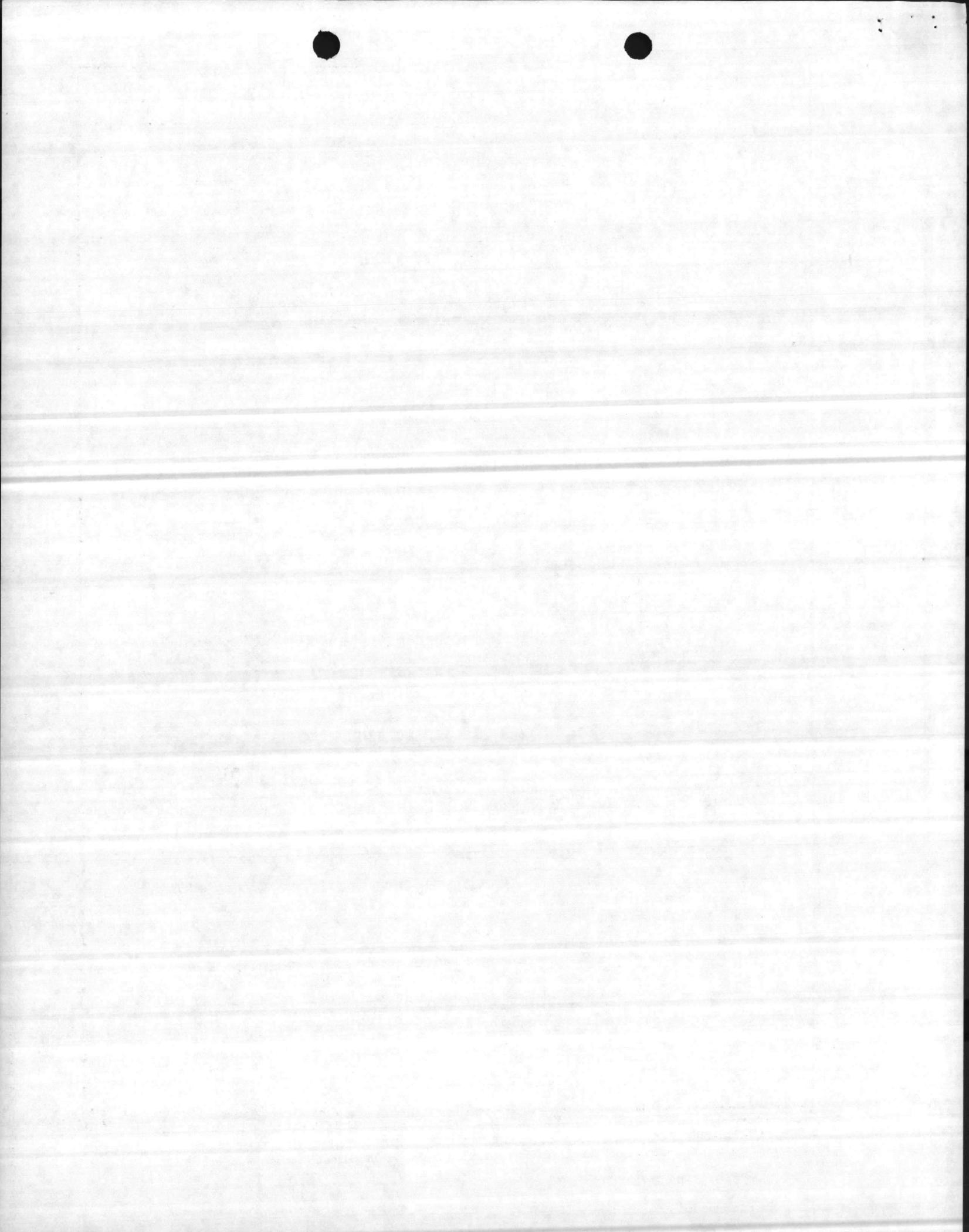
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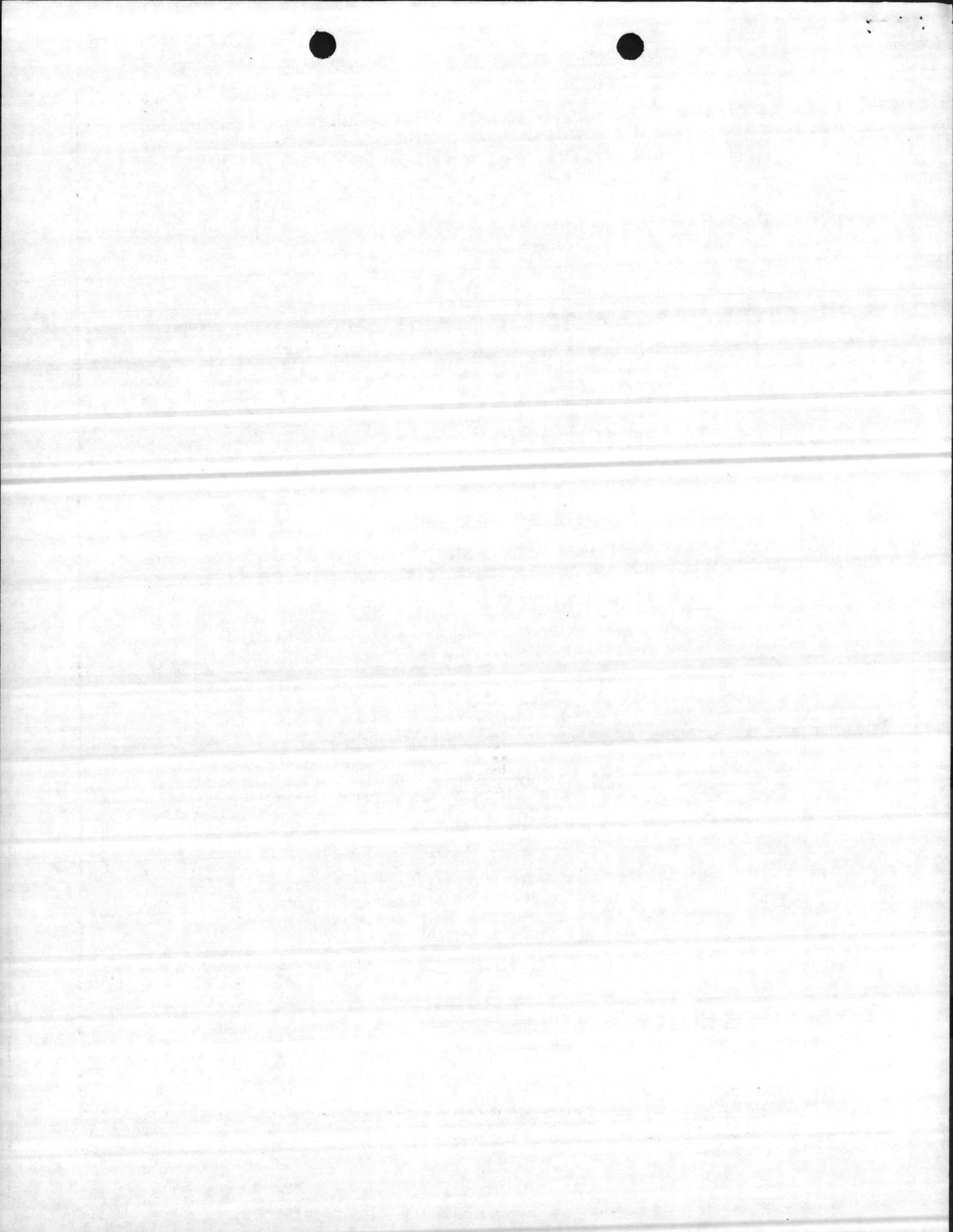
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|--|--|----------------------------|
| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact</u>: The project Environmental Impact Assessment is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated. 4. <u>Fallout Shelter Construction</u>: Fallout shelter protection is not incorporated in this project. 5. <u>Design for Accessibility of Physically Handicapped Personnel</u>: Provisions for physically handicapped personnel are not required in this project. 6. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform WITH DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures</u>: This project does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history. 8. <u>"New Start" Criteria for Commercial or Industrial Activities Program (OMB Circular A-76)</u>: Not applicable. | | |



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| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project.</u> Provide 53,000 SF of Combat/Automotive/Track Field Maintenance Shop area with a 7,540 Vehicle Inspection Station as Increment 1 of a total planned 442,600 SF maintenance complex.</p> <p>2. <u>Current and Planned Future Workload with Regard to This Project.</u> The duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day work week is spent in the shops. The organization is responsible for performing third and fourth echelon maintenance on equipment assigned to the 2d Marine Division (FMF); Marine Corps Air Station (H), New River; and 2d Force Service Support Group (REIN). The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.</p> <p>3. <u>Description of Proposed Organization.</u></p> <p style="padding-left: 20px;">a. <u>Type of Construction:</u></p> <p style="padding-left: 40px;">(1) Permanent one-story maintenance shop on pilings, reinforced concrete foundations, floors, masonry walls, built-up roof, insulation, interior utilities, and air conditioning in Injector Repair and Accessory Shop areas, and the admin area of Vehicle Inspection Station.</p> <p style="padding-left: 40px;">(2) Rigid and flexible walks and parking pavements, security fences and lighting, site improvements, exterior utilities, etc.</p> <p style="padding-left: 20px;">b. <u>Replacement.</u> Not applicable; existing facilities will be temporarily utilized to satisfy deficiencies until new facilities are constructed.</p> <p style="padding-left: 20px;">c. <u>Description of Work to be Done.</u></p> <p style="padding-left: 40px;">(1) <u>Primary Facility.</u> Modular reinforced concrete/masonry structures on pile foundation.</p> <p style="padding-left: 80px;">(a) <u>Support Facilities.</u> Rigid and flexible pavements, security fencing and lighting, utilities, and site improvements.</p> <p style="padding-left: 40px;">(2) <u>Energy Conservation.</u> Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.</p> <p style="padding-left: 40px;">(3) <u>Collateral Equipment.</u></p> <p style="text-align: center;">(SEE NEXT PAGE)</p> | | |



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| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 |
| <p>(a) <u>Built-in MCON Funded:</u></p> <ul style="list-style-type: none"> *Venetian blinds and window screens *Air conditioning, heating, and ventilating systems *Interior steam system *Plumbing system *Sprinkler system *Telephone, fire alarm, and intercom systems *Drinking water coolers *Air hose reel, 150 PSI H.D., w/hose control valve and hose stop (ceiling, wall, or pedestal mounted) *Elec extension cord reel, H.D., w/cord stop (ceiling, wall, or pedestal mounted) *Water hose reel, H.D., w/hose control valve and hose stop (ceiling, wall or pedestal mounted) *Hose reels assembly w/control valves, H.D., overhead, automatic hose stops, and meters *Exhaust system underground (automotive or const. equipment) *Pass window, 4' wide, w/counter & "B" label roll-down shutter (w/fusible link, if required) *Outlets for engine starting *Outlets for refrig. unit test (utilities repair) *10-ton overhead bridge crane *Twin-post pneumatic lift, H.D., 24,000 lb. capacity *5-ton overhead monorail | | |



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| 1. COMPONENT NAVY | FY 19 ⁸⁵ MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 |
|----------------------|--|-----------------------|

3. INSTALLATION AND LOCATION
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

| | |
|---|----------------------------|
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 |
|---|----------------------------|

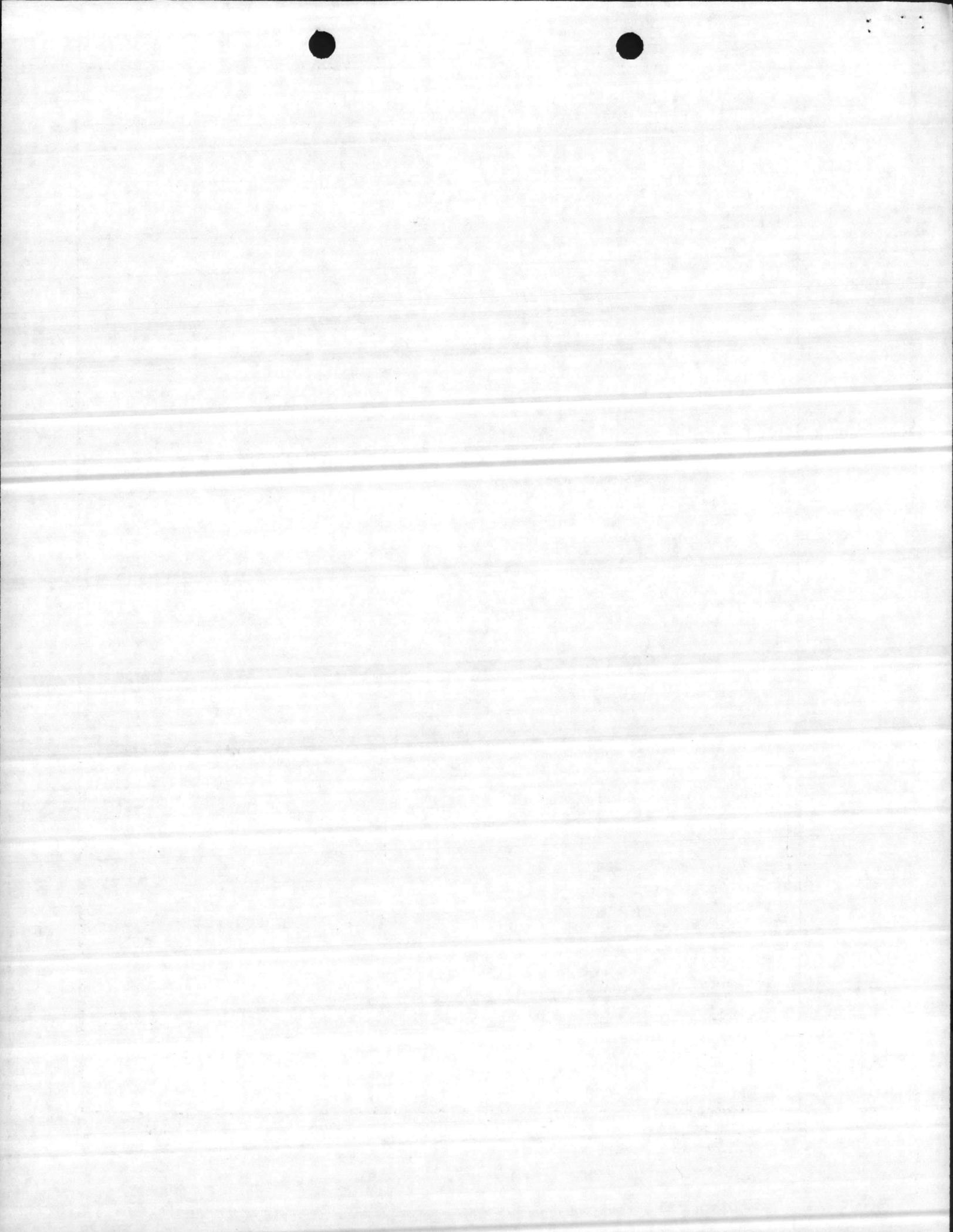
(a) Built-In MCON Funded (continued...)

- *2-ton jib crane
- *Dynamometer, engine, 300 HP, electric
- *Dynamometer, engine, 1200 HP, electric
- *Paint spray booth w/hood, 5'x3'
- *Hose reel assembly w/control valves, H.D., overhead, wall mtd or pedestal
- *Engine starting outlets 12, 24, & 36 volt

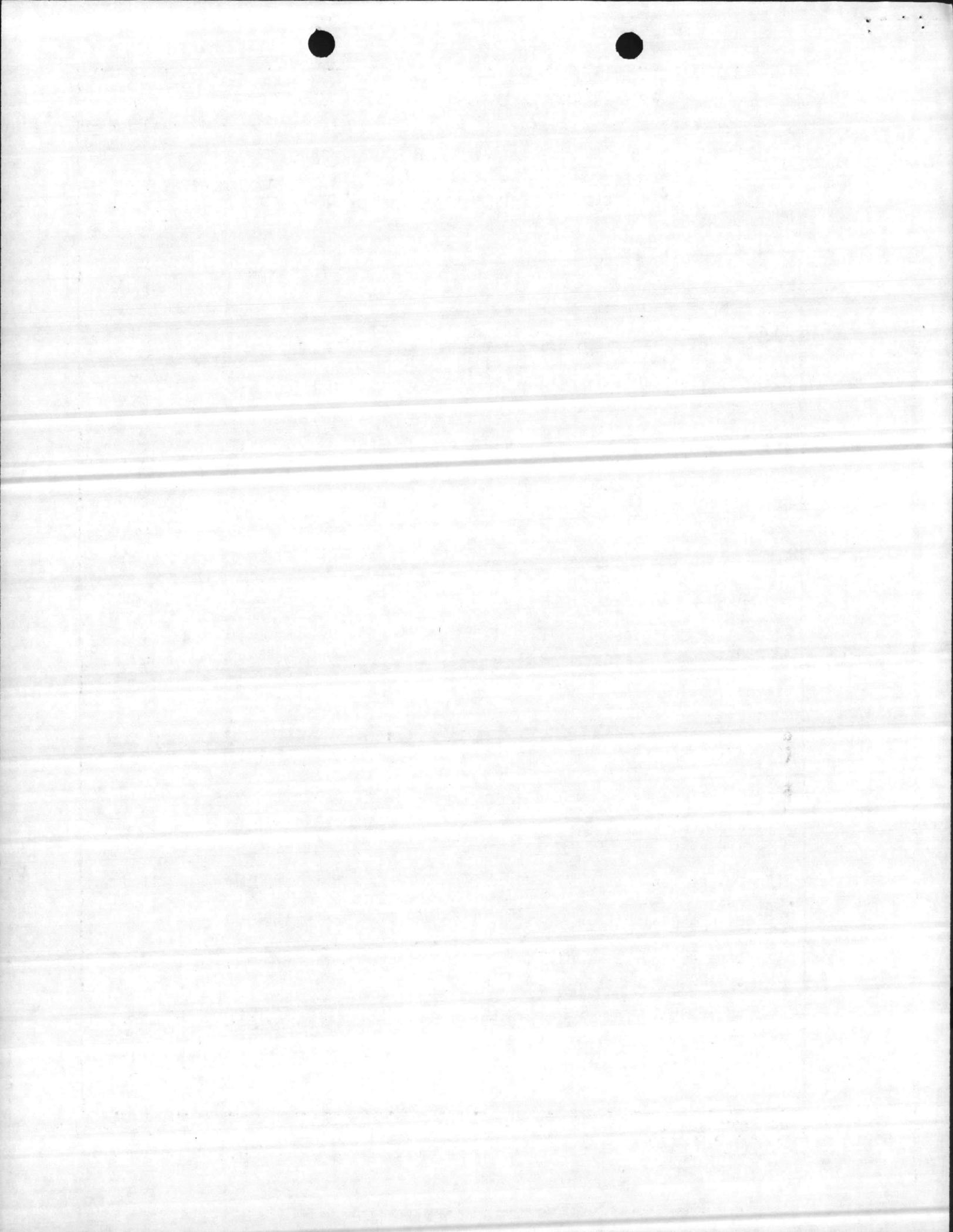
(b) EXPENSE ITEMS:

| <u>DESCRIPTION</u> | <u>QTY</u> | <u>UNIT OF ISSUE</u> | <u>UNIT PRICE</u> | <u>TOTAL COST</u> |
|--|------------|----------------------|-------------------|-------------------|
| Benches, work, portable, 48"x28"x34" H | 4 | EA | 225.00 | \$ 900 |
| Bench, work, stationary, stl top, lead covered, 28"D x 3/4"H | 353 | LF | 77.59 | 27,388 |
| Bins, parts, adj. shelving, 14Xx24" D | 1,178 | LF | 37.00 | 43,586 |
| Bins, parts, rota, 3' Diam, multi-bin | 4 | EA | 360.00 | 1,440 |
| Shelving, 12" W, w/adj. standards | 1 | EA | 90.00 | 90 |
| Grinder, pedestal, 10", 12 amps | 3 | EA | 175.00 | 525 |
| Press, hydraulic, 10-ton | 1 | EA | 600.00 | 600 |
| Tank, cleaning (parts), 38"x22"x34" (portable), w/drying racks | 1 | EA | 395.00 | 395 |

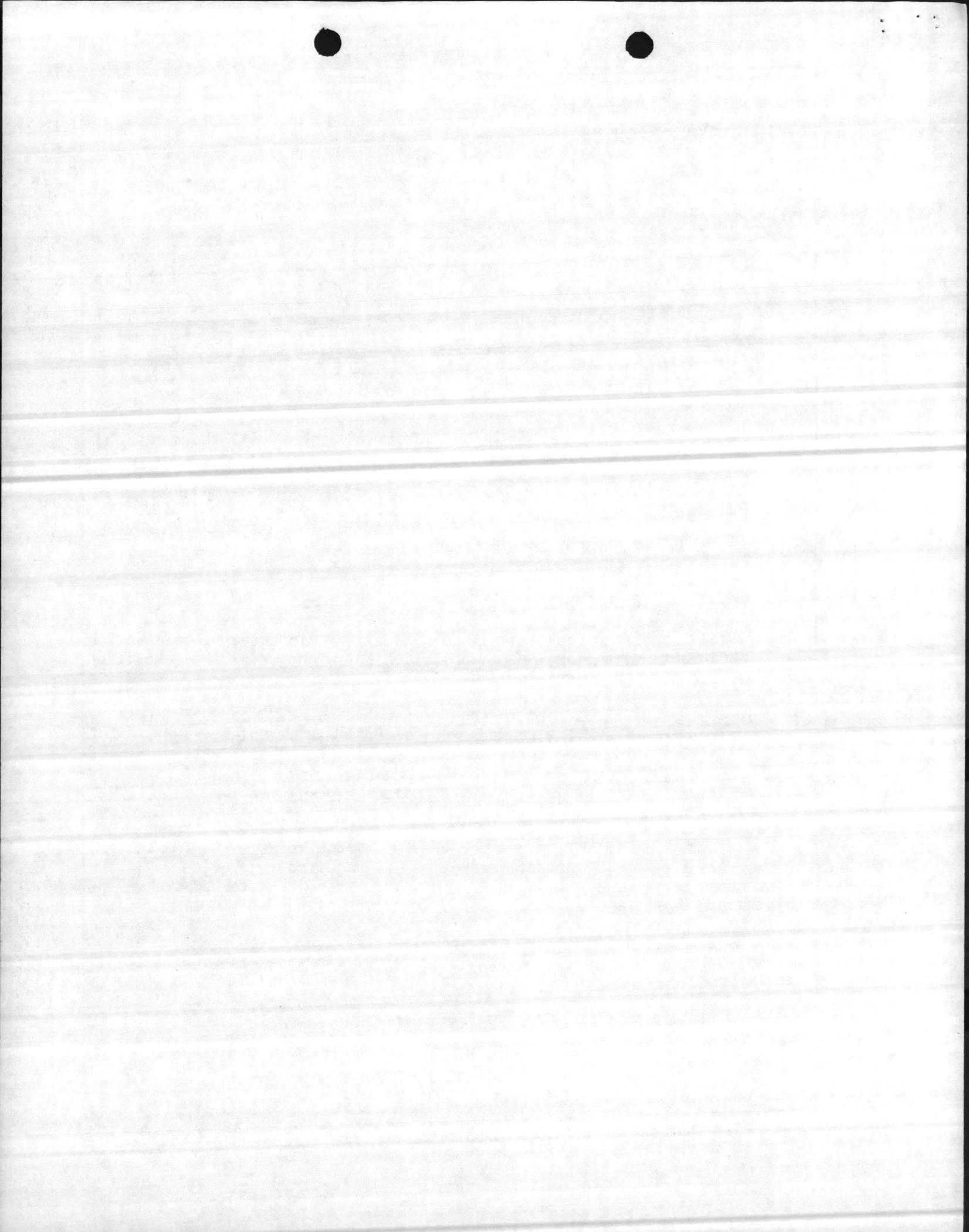
CONTINUED ON NEXT PAGE



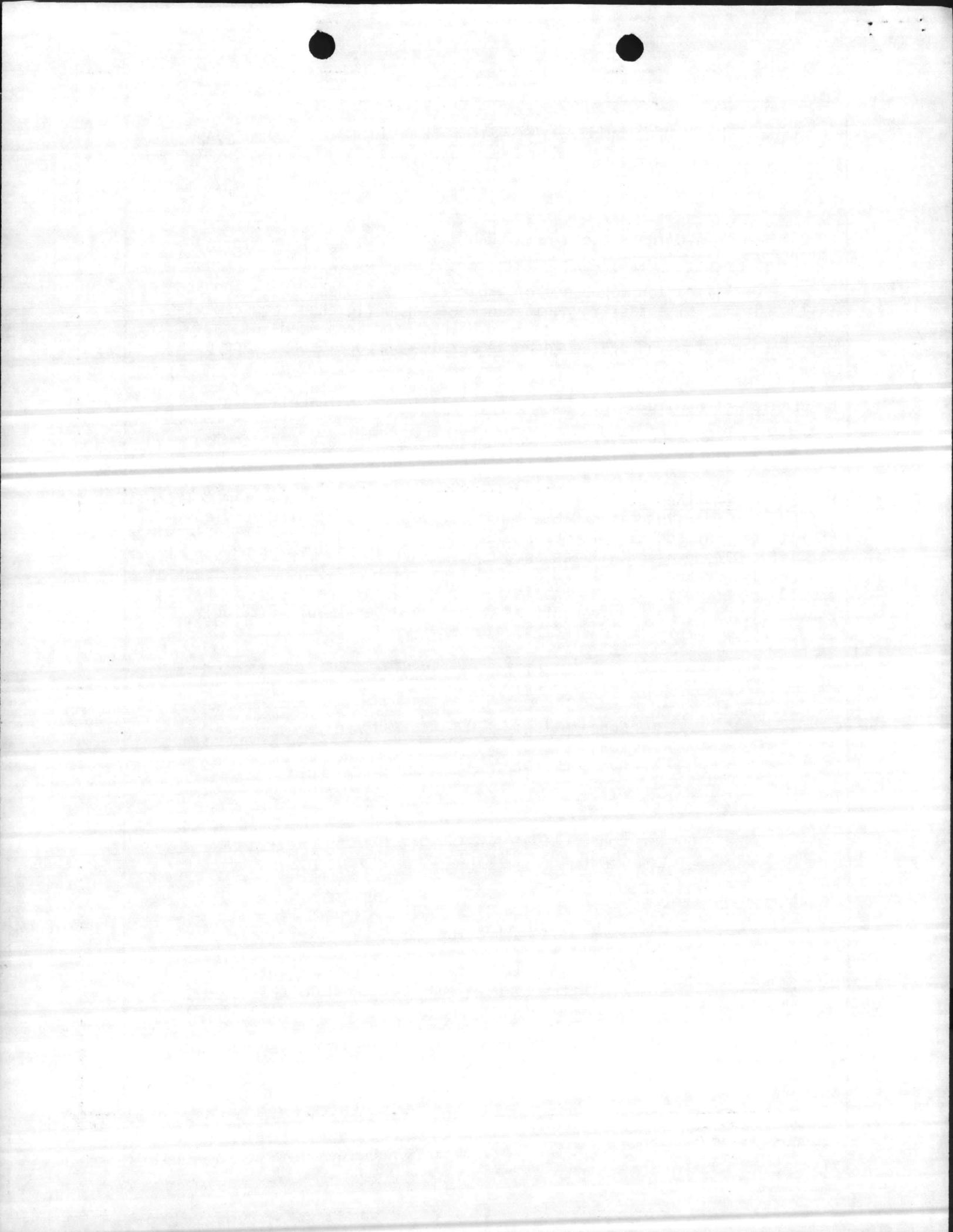
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|---|------------|---|-----------------------|----------------------------|--|
| 1. COMPONENT NAVY | | FY 19 85 MILITARY CONSTRUCTION PROJECT DATA | | 2. DATE 1 AUG 1981 | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | | | 5. PROJECT NUMBER P-257 | |
| (b) EXPENSE ITEMS (continued...) | | | | | |
| <u>DESCRIPTION</u> | <u>QTY</u> | <u>UNIT OF ISSUE</u> | <u>UNIT PRICE</u> | <u>TOTAL COST</u> | |
| Tank, test, 300 gal, for outboard motor (portable) | 1 | EA | 360.00 | 360 | |
| Press, drill, pedestal mounted, 24" S.W. | 3 | EA | 1,800.00 | 5,400 | |
| Stand, power train rebuild, 48"x72" | 10 | EA | 300.00 | 3,000 | |
| Bench, work (component rebuild), 48"x96"x24" H | 29 | EA | 85.00 | 2,465 | |
| Stand, axle | 10 | EA | 200.00 | 2,000 | |
| Degreaser, mechanical | 3 | EA | 600.00 | 1,800 | |
| Stand, large engine rebuild, 38"x90" | 5 | EA | 400.00 | 2,000 | |
| Stand, small engine rebuild, 34"x48" | 6 | EA | 250.00 | 1,500 | |
| Stands, power train test and run-in, transmission and transfer cases | 8 | EA | 800.00 | 6,400 | |
| Vat, chemical cleaning, cresylic acid type | 1 | EA | 1,000.00 | 1,000 | |
| Stand, test (C&I) | 2 | EA | 800.00 | 1,600 | |
| Tester, diagnosis (C&I) | 1 | EA | 300.00 | 300 | |
| Stand, test, Agarts model, Type II, part #7336.2 | 1 | EA | 750.00 | 750 | |
| Shelving, 24" | 32 | LF | 10.00 | <u>320</u> | |
| TOTAL EXPENSE ITEMS | | | | \$103,819 | |



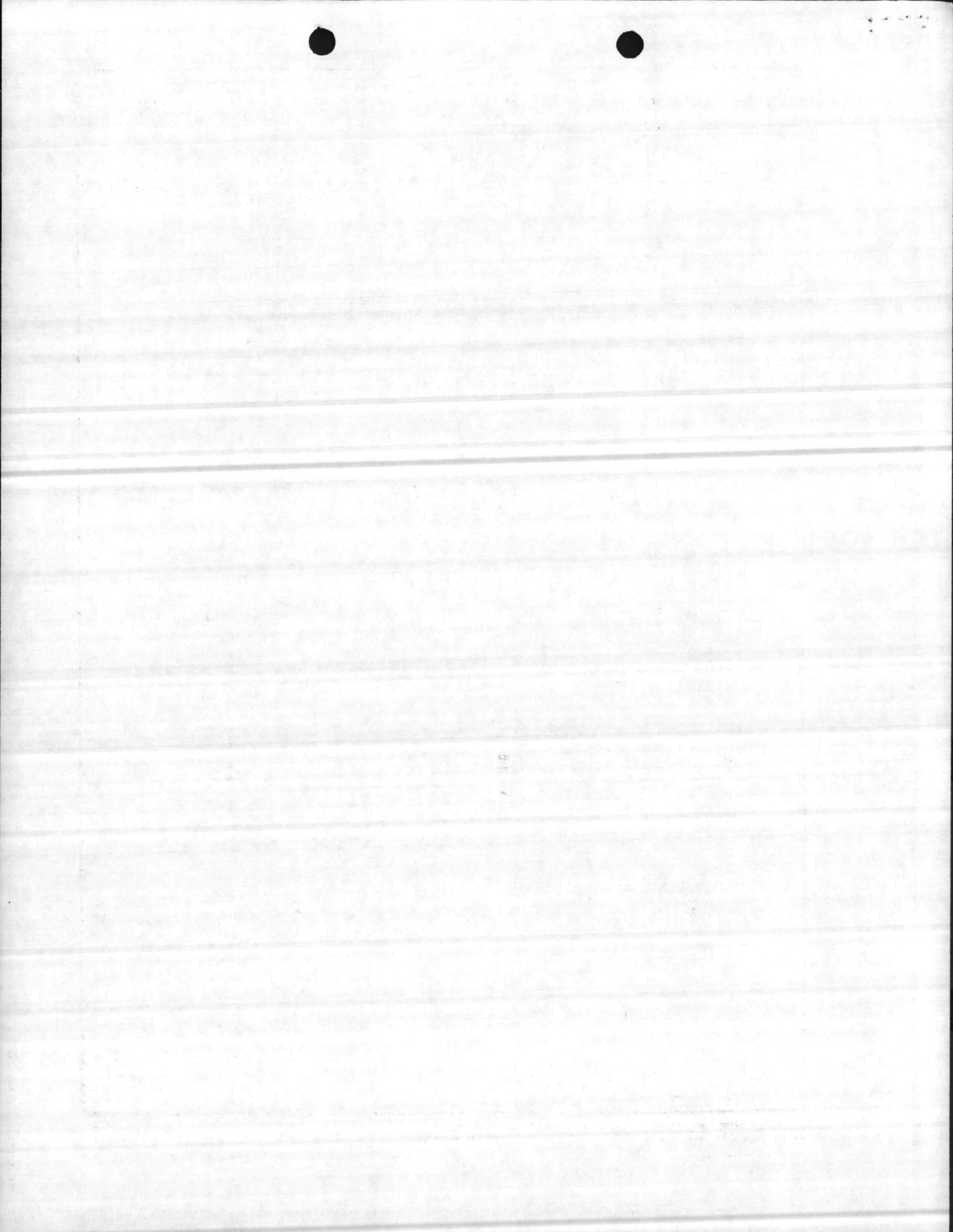
| | | | | | | | | | | |
|--|--|-----------------------|-----------|-----------------|---|---------------|---|-------------------|------------------|--|
| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 | | | | | | | | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | | | | | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 | | | | | | | | | |
| <p>Shipping, packing, handling, installation charges, and contingencies - 10%</p> <p>(c) <u>INVESTMENT ITEMS</u> - None</p> <p>(d) <u>APA EQUIPMENT</u> - None</p> <p>(e) <u>TRAINING EQUIPMENT</u> - None</p> <p>(f) <u>SUMMARY:</u></p> <table data-bbox="536 871 1445 1039"> <tr> <td>Expense Cost</td> <td>\$104,200</td> </tr> <tr> <td>Investment Cost</td> <td>-</td> </tr> <tr> <td>Training Cost</td> <td>-</td> </tr> <tr> <td>TOTAL COST</td> <td>\$104,200</td> </tr> </table> | | Expense Cost | \$104,200 | Investment Cost | - | Training Cost | - | TOTAL COST | \$104,200 | <p style="text-align: right;"><u>TOTAL COST</u></p> <p style="text-align: right;">\$10,381</p> |
| Expense Cost | \$104,200 | | | | | | | | | |
| Investment Cost | - | | | | | | | | | |
| Training Cost | - | | | | | | | | | |
| TOTAL COST | \$104,200 | | | | | | | | | |
| <p>(4) <u>Supporting Facilities.</u> Special piling, foundation, collateral equipment, site improvement, pollution abatement, etc. No demolition will be accomplished on this project.</p> | | | | | | | | | | |
| <p>4. <u>Cost Estimate.</u> Area cost factor for Camp Lejeune, NC is 0.95. Cost data derived from the Military Construction Cost Review Guide, FY-82 (DOD 4270.1-CG) to provide for this facility, escalated to FY-83.</p> | | | | | | | | | | |
| <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for Project.</u></p> <p>(1) <u>Project.</u> Proposed facilities are required to provide maintenance personnel with adequate and secure facilities to perform maintenance on combat, automotive, and track vehicles.</p> <p>(2) <u>Current Situation.</u> Personnel are working in substandard and makeshift facilities that are totally inadequate in size, configuration, utility requirements, and site location.</p> <p>(3) <u>Impact If Not Provided.</u> Personnel will continue to work in substandard and makeshift facilities, resulting in loss of work time and wasted energy.</p> | | | | | | | | | | |



| | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|--------------|------------------|---------|--------------|------------|----|--------------|----------|----|--------------|-------------------|--------|---------|--------------|--------|
| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 | | | | | | | | | | | | | | | |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | | 5. PROJECT NUMBER P-257 | | | | | | | | | | | | | | | |
| <p>b. <u>Justification for Scope of Project.</u> The project scope, 60,540 SF, is the minimum size facility that can meet the deficiency requirements for the Combat/Automotive/Track Field Maintenance Shop needs of the Maintenance Battalion of the 2d Force Service Support Group. See paragraph 13.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> Not applicable. There are no common support facilities available in the French Creek area.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$65,000 per year increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. The project will enhance and improve the morale of personnel presently working in widely dispersed facilities. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p> <p style="text-align: center;"><u>UTILITY REQUIREMENTS:</u></p> <p>a. <u>Electricity.</u></p> <table style="margin-left: 100px;"> <tr> <td>Consumption:</td> <td><u>1,094,600</u></td> <td>KWHR/yr</td> </tr> <tr> <td>Peak Demand:</td> <td><u>339</u></td> <td>KW</td> </tr> <tr> <td>Avg. Demand:</td> <td><u>-</u></td> <td>KW</td> </tr> </table> <p>b. <u>Steam.</u></p> <table style="margin-left: 100px;"> <tr> <td>Consumption:</td> <td><u>10,194,079</u></td> <td>lbs/yr</td> </tr> <tr> <td>Demand:</td> <td><u>1,900</u></td> <td>lbs/yr</td> </tr> </table> <p>c. <u>Coal.</u> <u>-</u> tons/yr</p> <p>d. Adequate utilities will be provided by P-054, FY-85.</p> <p>9. <u>Siting of the Project.</u> This facility will be located in the French Creek area, in keeping with the Camp Lejeune Master Plan. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs:</u> See encl (2).</p> | | | Consumption: | <u>1,094,600</u> | KWHR/yr | Peak Demand: | <u>339</u> | KW | Avg. Demand: | <u>-</u> | KW | Consumption: | <u>10,194,079</u> | lbs/yr | Demand: | <u>1,900</u> | lbs/yr |
| Consumption: | <u>1,094,600</u> | KWHR/yr | | | | | | | | | | | | | | | |
| Peak Demand: | <u>339</u> | KW | | | | | | | | | | | | | | | |
| Avg. Demand: | <u>-</u> | KW | | | | | | | | | | | | | | | |
| Consumption: | <u>10,194,079</u> | lbs/yr | | | | | | | | | | | | | | | |
| Demand: | <u>1,900</u> | lbs/yr | | | | | | | | | | | | | | | |



| 1. COMPONENT NAVY | FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------------------|----------------|---------|--------------------------------------|---------|---------|---|--------|---------|---|--------|--------|---|--------|---------|---|--------|---------|------------------------------|-------|---------|--------------------------------------|---------------|--------|--|---------|--|--|
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. <u>Economic Analysis.</u> This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project in support of an operational mission located in this area. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12. <u>Environmental Impact Assessment.</u> An Environmental Impact Assessment (EIA) is being written and will be processed through the local EIA Review Board. No adverse environmental impact is anticipated. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13. <u>Quantitative Data.</u> a. <u>BFRL requirement</u> for the French Creek area (EA) is 442,600 SF. NAVFAC P-80 states that the requirement for this category code (214-53) is determined from definitive drawings given in NAVFAC P-272, Part IV. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th data-bbox="300 892 487 934"><u>NAVFAC DWG #</u></th> <th data-bbox="738 892 917 934"><u>DESCRIPTION</u></th> <th data-bbox="1153 892 1274 934"><u>AREA SF</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="349 955 470 997">1294489</td> <td data-bbox="495 955 1079 997">Combat/Automotive/Track Fld Mnt Shop</td> <td data-bbox="1153 955 1274 997">220,000</td> </tr> <tr> <td data-bbox="349 1018 470 1060">1294490</td> <td data-bbox="755 1018 771 1060">"</td> <td data-bbox="1153 1018 1274 1060">53,000</td> </tr> <tr> <td data-bbox="349 1081 470 1123">1294491</td> <td data-bbox="755 1081 771 1123">"</td> <td data-bbox="1153 1081 1274 1123">47,500</td> </tr> <tr> <td data-bbox="349 1144 470 1186">129492</td> <td data-bbox="755 1144 771 1186">"</td> <td data-bbox="1153 1144 1274 1186">48,000</td> </tr> <tr> <td data-bbox="349 1207 470 1249">1294493</td> <td data-bbox="755 1207 771 1249">"</td> <td data-bbox="1153 1207 1274 1249">52,800</td> </tr> <tr> <td data-bbox="349 1270 470 1312">1294508</td> <td data-bbox="495 1270 950 1312">Vehicle Inspection Statement</td> <td data-bbox="1153 1270 1274 1312">7,540</td> </tr> <tr> <td data-bbox="349 1333 470 1375">1294444</td> <td data-bbox="495 1333 1079 1375">Combat/Automotive/Track Fld Mnt Shop</td> <td data-bbox="1153 1333 1274 1375"><u>13,760</u></td> </tr> <tr> <td colspan="2" data-bbox="1006 1407 1112 1449">TOTAL:</td> <td data-bbox="1153 1407 1274 1449">442,600</td> </tr> </tbody> </table> | <u>NAVFAC DWG #</u> | <u>DESCRIPTION</u> | <u>AREA SF</u> | 1294489 | Combat/Automotive/Track Fld Mnt Shop | 220,000 | 1294490 | " | 53,000 | 1294491 | " | 47,500 | 129492 | " | 48,000 | 1294493 | " | 52,800 | 1294508 | Vehicle Inspection Statement | 7,540 | 1294444 | Combat/Automotive/Track Fld Mnt Shop | <u>13,760</u> | TOTAL: | | 442,600 | | |
| <u>NAVFAC DWG #</u> | <u>DESCRIPTION</u> | <u>AREA SF</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294489 | Combat/Automotive/Track Fld Mnt Shop | 220,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294490 | " | 53,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294491 | " | 47,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129492 | " | 48,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294493 | " | 52,800 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294508 | Vehicle Inspection Statement | 7,540 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1294444 | Combat/Automotive/Track Fld Mnt Shop | <u>13,760</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL: | | 442,600 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. <u>Existing Facilities:</u> None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. <u>Planned Facilities:</u> SEE NEXT PAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | |
|---|--|-----------------------|
| 1. COMPONENT NAVY | FY 19 ⁸⁵ MILITARY CONSTRUCTION PROJECT DATA | 2. DATE 1 AUG 1981 |
| 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 | | |
| 4. PROJECT TITLE COMBAT/AUTOMOTIVE/TRACK FIELD MAINTENANCE SHOP (INCREMENT 1) | 5. PROJECT NUMBER P-257 | |

c. Planned Facilities:

| <u>PROJECT #</u> | <u>AREA SF</u> | <u>STATUS</u> |
|------------------|----------------|---------------|
| P-257 | 60,540 | FY-85 |
| P-803 | 48,000 | FY-86 |
| P-804 | 210,300 | FY-87 |
| P-805 | 110,000 | FY-88 |
| P-256 | <u>13,760</u> | UP |
| SUBTOTAL: | 442,600 | |

d. Existing Adequate Facilities: 0 SF

Planned Facilities: 442,600 SF

TOTAL PLANNED FACILITIES: 442,600 SF

BFRL TOTAL: 442,600 SF

14. Maintenance Facilities: Not applicable.

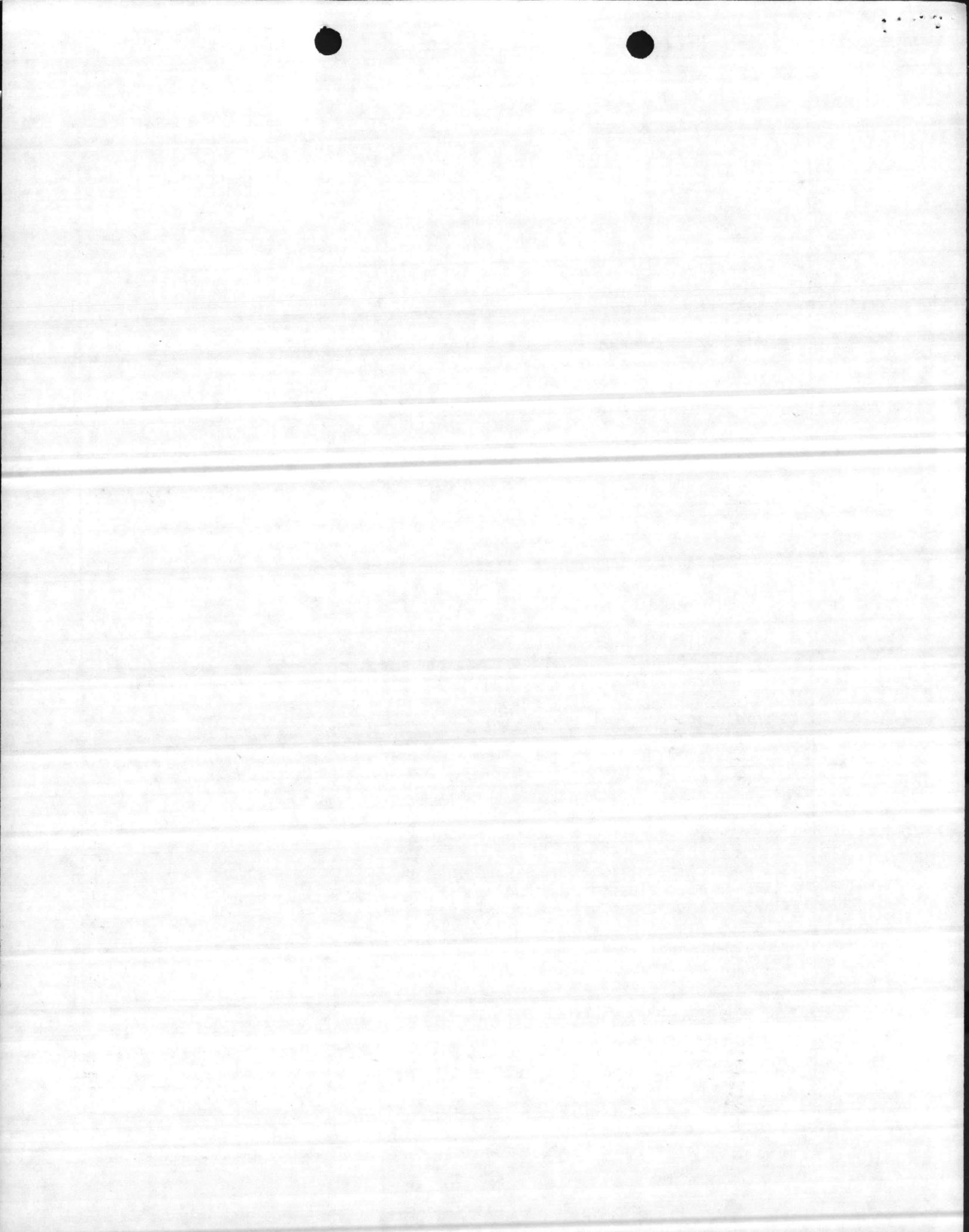
15. Morale, Welfare, and Recreation Facilities: Not applicable.

16. Relocation Facilities: Not applicable.

17. Storage Facilities: Not applicable.

18. Hazard Identification, Assessment, and Analysis. Proposed facility will be a Motor Transport School facility. The following potential hazardous conditions will be considered during the design phase:

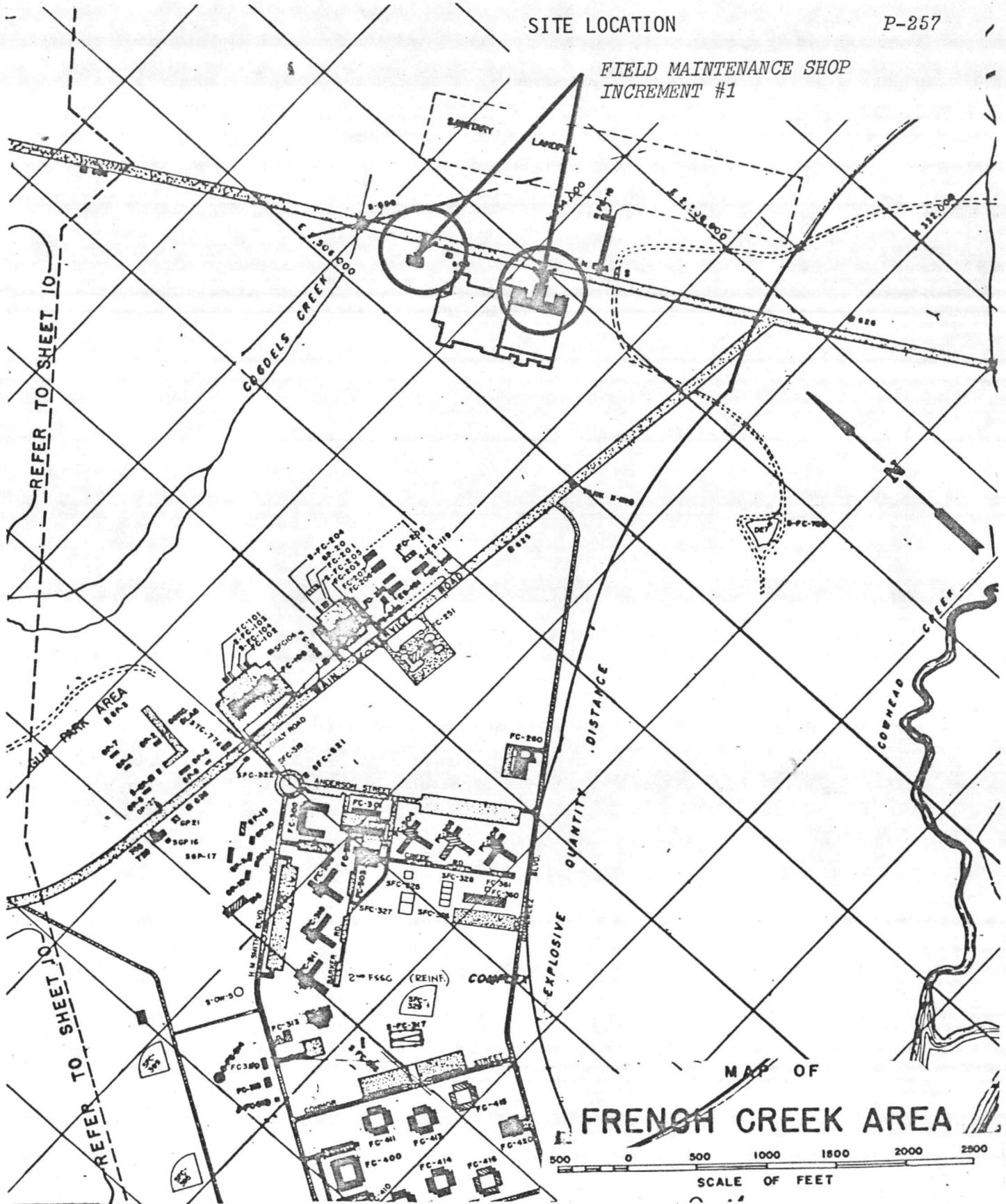
- a. Exhaust fumes.
- b. Battery acid fumes.
- c. Gasoline/diesel fumes.



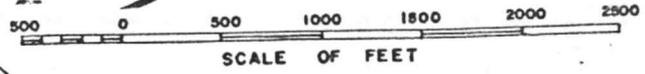
SITE LOCATION

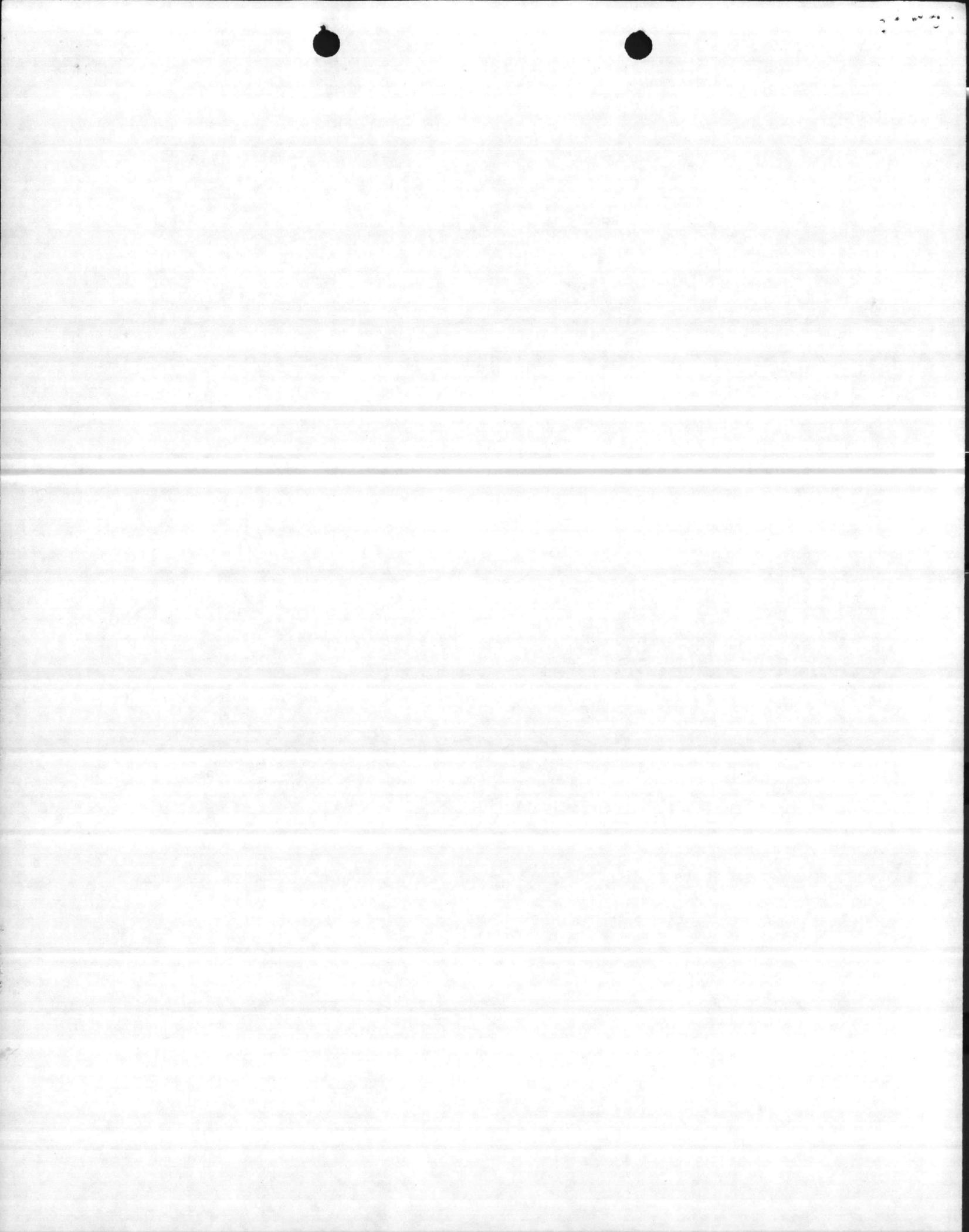
P-257

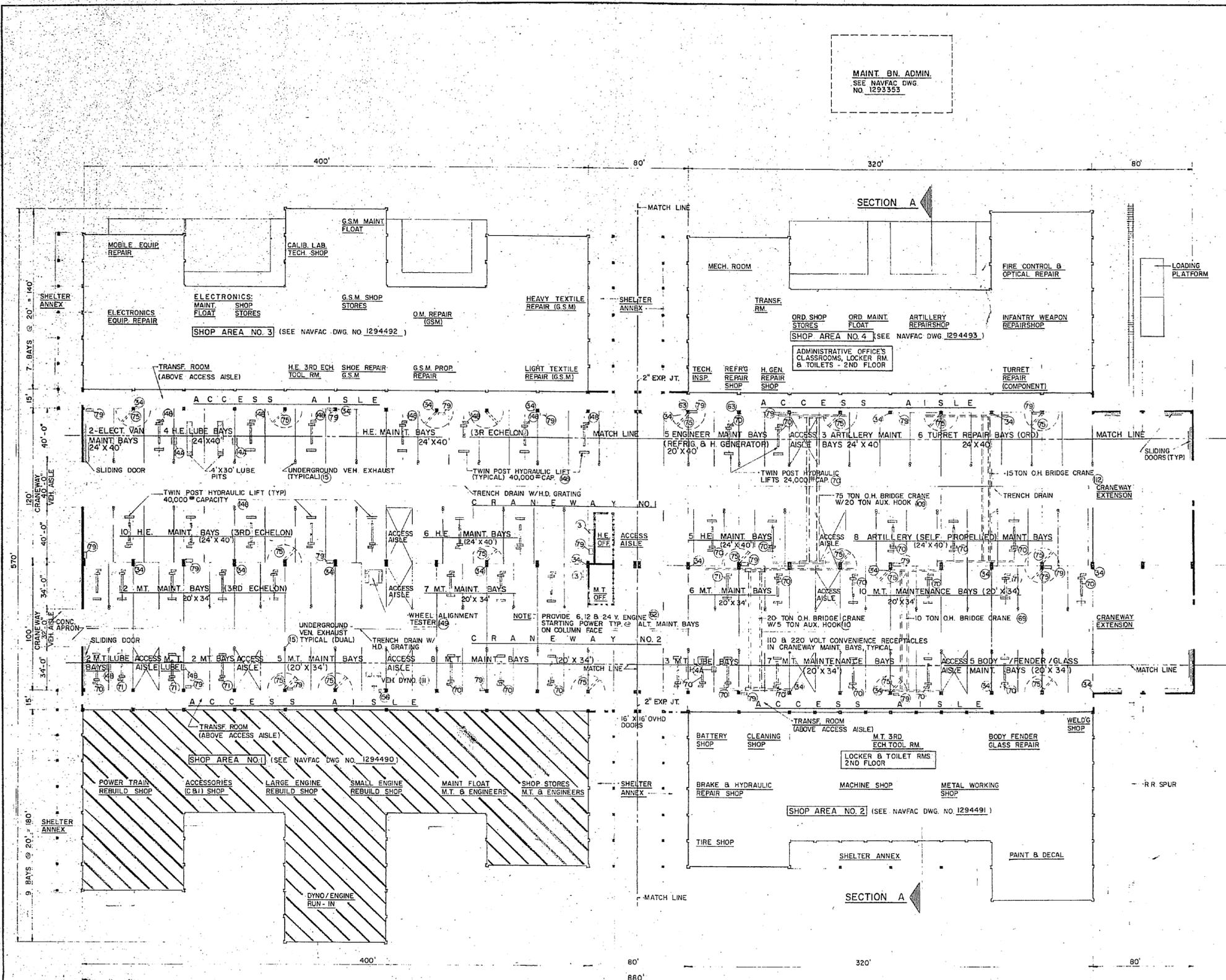
FIELD MAINTENANCE SHOP
INCREMENT #1



MAP OF
FRENCH CREEK AREA



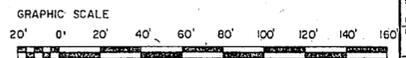
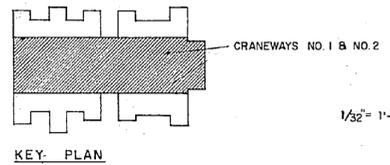




MAINT. BN. ADMIN.
SEE NAVFAC DWG.
NO. 1293353

FLOOR PLAN - CRANEWAYS
SCALE 1/32" = 1'-0"

FOR EQUIPMENT SCHEDULE SEE NAVFAC
DWG. NO. 1294506 & 1294507
SEE SPECIAL NOTES DWG. 1294494
FOR VEHICLE INSPECTION & CONC. WASH.
APRON REQUIREMENTS, SEE NAVFAC
DWG. NO. 1294508



PLUMBING REQUIREMENTS

COLD WATER: (PROBABLE MAXIMUM FLOW RATE IN GPM) 50
NOTE: ABOVE FLOOR RATE DOES NOT INCLUDE REQUIREMENTS FOR FIRE PROTECTION, PROCESS, AND AIR CONDITIONING.
HOT WATER:
STORAGE IN GALLONS (ELECTRIC WATER HEATER): NONE

MECHANICAL REQUIREMENTS

HEATING: (IN MBTU/HR):
INSIDE DESIGN TEMPERATURE 60°F - SHOPS
OUTSIDE DESIGN TEMPERATURE -5°F +5°F +15°F +25°F
8850 7980 7055 6290

AIR CONDITIONING: (TONS OF REFRIGERATION): MAX.
INSIDE DESIGN TEMPERATURE SEE SPECIAL NOTE III NAVFAC DWG. 1294494
OUTSIDE DESIGN TEMPERATURE 95°F FDB - 78°F FWB
0

ELECTRICAL REQUIREMENTS

LIGHTS:
CONNECTED LOAD (KW) 274
ESTIMATED DEMAND (KW) 274

POWER:
WITH AC (MAX. CAP) WITHOUT AC
CONNECTED LOAD (KW) 550 550
ESTIMATED DEMAND (KW) 412 412

TOTAL:
CONNECTED LOAD (KW) 824 824
ESTIMATED DEMAND (KW) 686 686

MAXIMUM AIR CONDITIONING REQUIREMENT IS APPROXIMATE. ACTUAL SPACES TO BE AIR CONDITIONED AND REQUIREMENTS SHALL BE BASED ON D.O.D. CONSTRUCTION CRITERIA MANUAL NO. 4270.1-M.
AREA
GROSS AREA WITHOUT MECH. EQUIP. RM. (SQ. FT.)
MECH. EQUIP. ROOM (SQ. FT.)
GROSS AREA-TOTAL (SQ. FT.) CRANEWAY NO. 1 & 2 220,000

GENERAL NOTES

UTILITIES REQUIREMENTS INDICATED ARE FOR ESTIMATING PURPOSES ONLY.
AUTOMATIC SPRINKLER AND FIRE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT D.O.D. 4270.1-M CONSTRUCTION CRITERIA AND NAVFAC DM-8.
MARINE CORPS ACTIVITIES SHALL FOLLOW THE ARRANGEMENT AND FUNCTIONAL LAYOUT INDICATED IN INITIATION OF CONSTRUCTION REQUIREMENTS UNLESS PRIOR AUTHORIZATION FOR CHANGE IS OBTAINED FROM THE COMMANDANT OF THE MARINE CORPS ARCHITECTURAL TREATMENT AND MATERIAL MAY VARY WHEN NEEDED TO ACHIEVE COMPATIBILITY WITH LOCAL CONSTRUCTION AND EFFECTIVE USE OF MATERIALS.

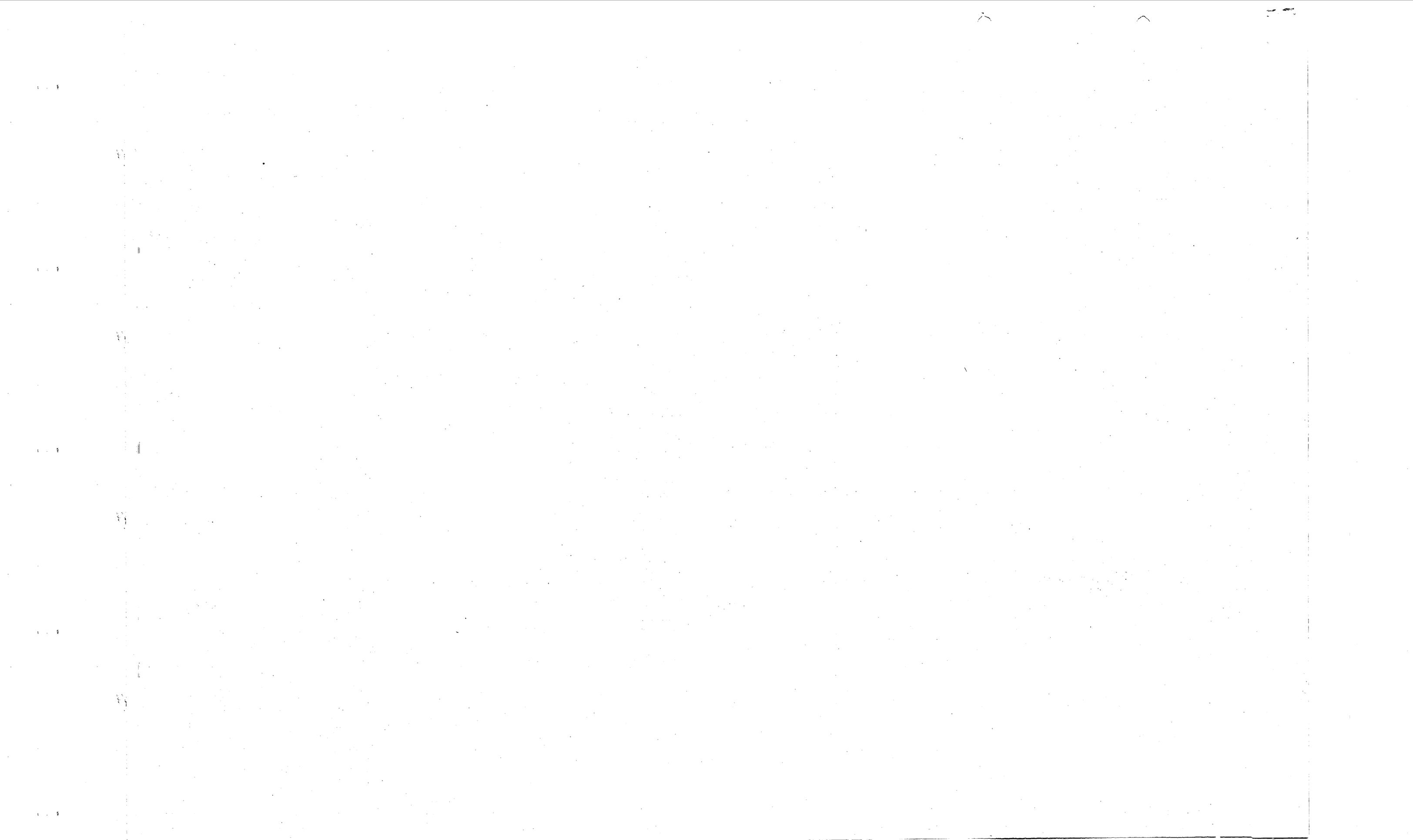
FIELD MAINTENANCE SHOP P-257
INCREMENT 1

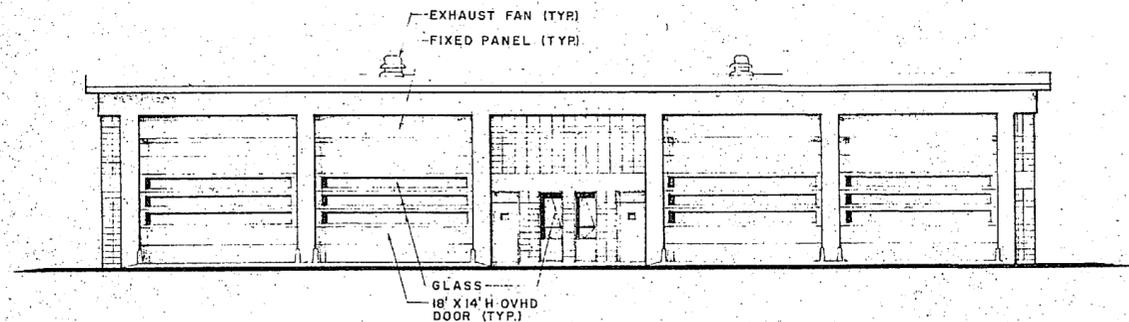
T/O M-3248
DEPARTMENT OF THE NAVY WASHINGTON, D.C.
NAVAL FACILITIES ENGINEERING COMMAND
DEFINITIVE DRAWING
COMBAT/AUTOMOTIVE/TRACK
FIELD MAINTENANCE SHOP (CRANEWAYS)
MAINTENANCE BATTALION F.S.R.

APPROVED: [Signature] DATE: [Date]
OFFICE IN CHARGE: [Signature] DATE: [Date]
FOR COMMANDER, NAVFAC

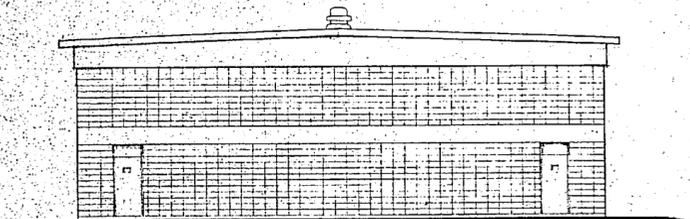
NAVY CODE IDENT. NO. 80091
NAVFAC DRAWING NO. 1294489
SCALE AS NOTED

ENCL (2) 214-53-C1

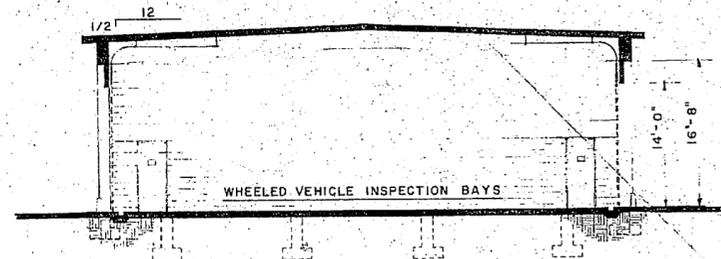




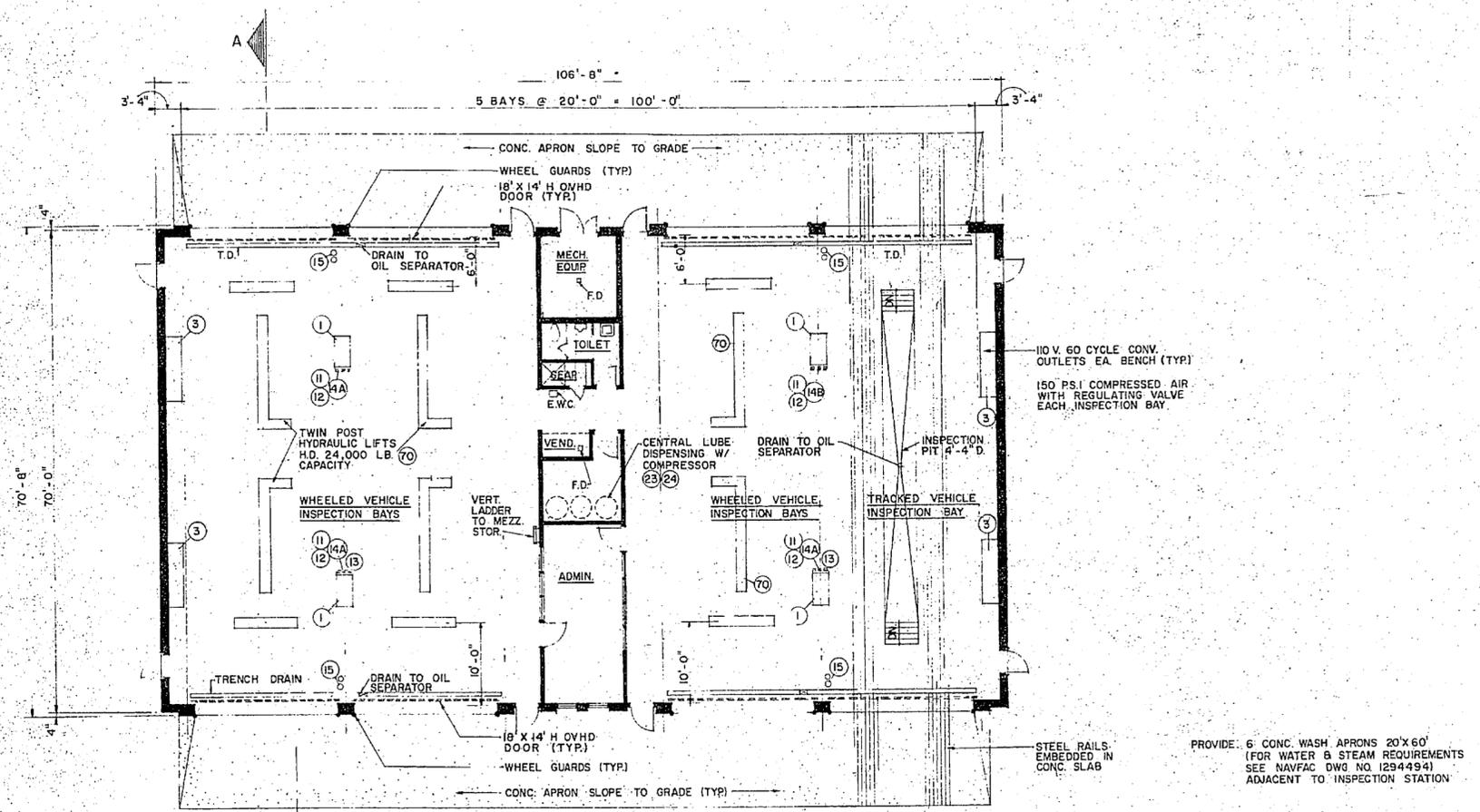
FRONT ELEVATION
SCALE 1/8" = 1'-0"



SIDE ELEVATION
SCALE 1/8" = 1'-0"



SECTION A-A
SCALE 1/8" = 1'-0"

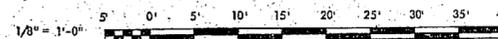


FLOOR PLAN
SCALE 1/8" = 1'-0"

NOTE
FOR EQUIPMENT SCHEDULE
SEE NAVFAC DRAWING NO. 1294506-B-07
MEZZANINE LEVEL (OVER ADMIN)
FOR STORAGE OF FILTERS, &
EMPTY MOUNT, OUT BOXES.

PROVIDE 6 CONC. WASH APRONS 20'X60'
(FOR WATER & STEAM REQUIREMENTS
SEE NAVFAC DWG NO. 129499-4)
ADJACENT TO INSPECTION STATION

GRAPHIC SCALE



PLUMBING REQUIREMENTS

COLD WATER: (PROBABLE MAXIMUM FLOW RATE IN GPM) 35

HOT WATER:

STORAGE IN GALLONS (ELECTRIC WATER HEATER): 30

NOTE: ABOVE FLOW RATE DOES NOT INCLUDE REQUIREMENTS FOR FIRE PROTECTION (AND AIR CONDITIONING)

POWER REQUIREMENT FOR ELECTRIC WATER HEATERS (WHERE REQUIRED) IS NOT INCLUDED IN ELECTRICAL REQUIREMENTS

MECHANICAL REQUIREMENTS

HEATING: (IN MBTU/HR):

| | | | |
|----------------------------|------|--------------|-------------------------------|
| INSIDE DESIGN TEMPERATURE | -5°F | 60°F - SHOPS | 40°F - DRIVE-IN REPAIR STALLS |
| OUTSIDE DESIGN TEMPERATURE | +5°F | +15°F | 70°F - OFFICE & TOILETS |
| | | | +25°F |
| | 324 | 300 | 265 238 |

AIR CONDITIONING: (TONS OF REFRIGERATION): (MAXIMUM)

| | |
|----------------------------|-------------------|
| INSIDE DESIGN TEMPERATURE | 80° FDB - 50% RH |
| OUTSIDE DESIGN TEMPERATURE | 95° FDB - 78° FWB |

MAXIMUM AIR CONDITIONING REQUIREMENT IS APPROXIMATE, ACTUAL SPACES TO BE AIR CONDITIONED AND REQUIREMENTS SHALL BE BASED ON D.O.D. CONSTRUCTION CRITERIA MANUAL NO. 4270.1-M

ELECTRICAL REQUIREMENTS

LIGHTS:

| | |
|-----------------------|----|
| CONNECTED LOAD (KW) | 14 |
| ESTIMATED DEMAND (KW) | 14 |

POWER:

| | WITH AC (MAX. CAP.) | WITHOUT AC |
|-----------------------|---------------------|------------|
| CONNECTED LOAD (KW) | 32 | 30 |
| ESTIMATED DEMAND (KW) | 26 | 24 |

TOTAL:

| | | |
|-----------------------|----|----|
| CONNECTED LOAD (KW) | 46 | 44 |
| ESTIMATED DEMAND (KW) | 40 | 38 |

MAXIMUM AIR CONDITIONING REQUIREMENT IS APPROXIMATE, ACTUAL SPACES TO BE AIR CONDITIONED AND REQUIREMENTS SHALL BE BASED ON D.O.D. CONSTRUCTION CRITERIA MANUAL NO. 4270.1-M

AREA

| | |
|---|-------|
| GROSS AREA WITHOUT MECH. EQUIP. RM. (SQ. FT.) | 7,440 |
| MECH. EQUIP. ROOM (SQ. FT.) | 100 |
| GROSS AREA-TOTAL (SQ. FT.) | 7,540 |

GENERAL NOTES

UTILITIES REQUIREMENTS INDICATED ARE FOR ESTIMATING PURPOSES ONLY.

AUTOMATIC SPRINKLER AND FIRE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT D.O.D. 4270.1-M CONSTRUCTION CRITERIA MANUAL AND NAVFAC DM-8

MECHANICAL EQUIPMENT ROOM SIZES SHALL BE VARIABLE DEPENDING ON CLIMATIC LOCATION AND EQUIPMENT REQUIREMENTS.

MARINE CORPS ACTIVITIES SHALL FOLLOW THE ARRANGEMENT AND FUNCTIONAL LAYOUT INDICATED IN INITIATION OF CONSTRUCTION REQUIREMENTS UNLESS PRIOR AUTHORIZATION FOR CHANGE IS OBTAINED FROM THE COMMANDANT OF THE MARINE CORPS. ARCHITECTURAL TREATMENT AND MATERIAL MAY VARY WHEN NEEDED TO ACHIEVE COMPATIBILITY WITH LOCAL CONSTRUCTION AND RESPECTIVE USE OF MATERIALS.

FIELD MAINTENANCE SHOP P-257
INCREMENT 1

3248

| | | | |
|---|-----------------------|---|--|
| LYLES, BISSETT, CARLISLE & WOLFF ARCHITECTS / ENGINEERS / PLANNERS WASHINGTON, D.C. | | DEPARTMENT OF THE NAVY WASHINGTON, D.C. | |
| NAVAL FACILITIES ENGINEERING COMMAND | | DEFINITIVE DRAWING | |
| DRAWN BY: J.R. HOUSTON CHECKED BY: H.D. BLICKWELL DATE: 21 DEC 1970 | | FIELD MAINTENANCE SHOP (VEHICLE INSPECTION STATION) MAINTENANCE BATTALION F.S.R. | |
| OFFICE IN CHARGE: F | CODE (DWT) NO.: 80091 | NAVFAC DRAWING NO.: 1294508 | |
| SCALE AS NOTED | | CONSTR. CONTR. NO.: | |

